Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP102219\

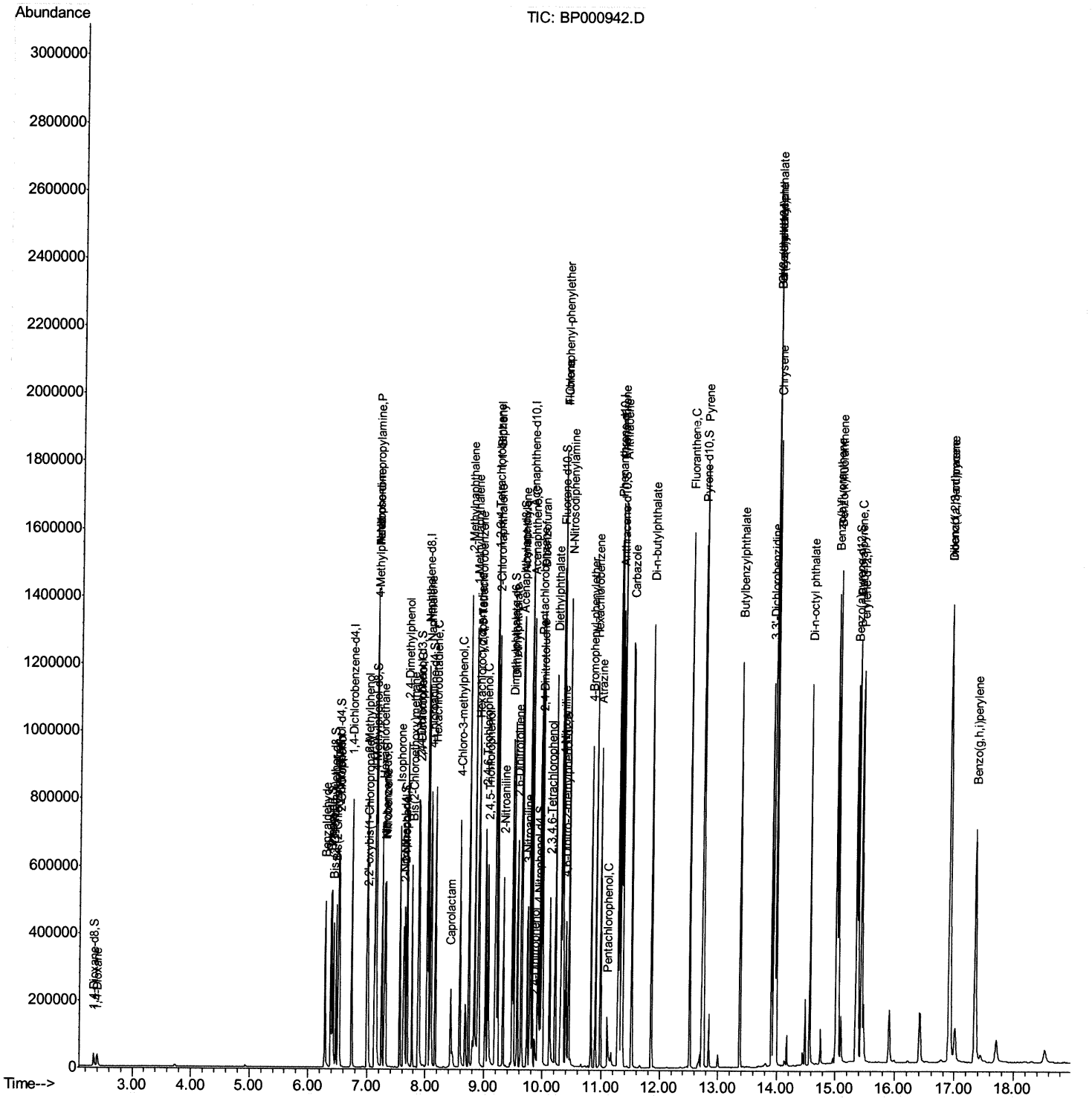
Quantitation Report (QT Reviewed)

Data File : BP000942.D
Acq On : 22 Oct 2019 15:10
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 23 05:35:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 22:14:11 2019
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTD02096

Manual Integrations APPROVED
mohammad
10/24/2019 8:07:58 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP102219\

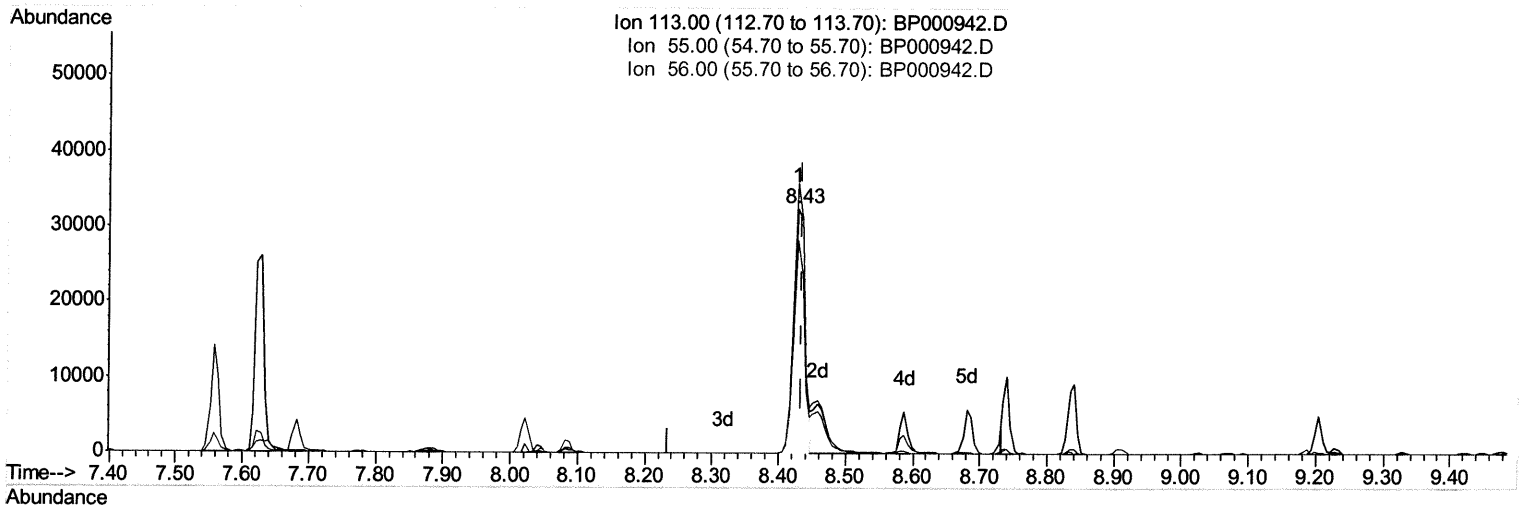
Quantitation Report (Qedit)

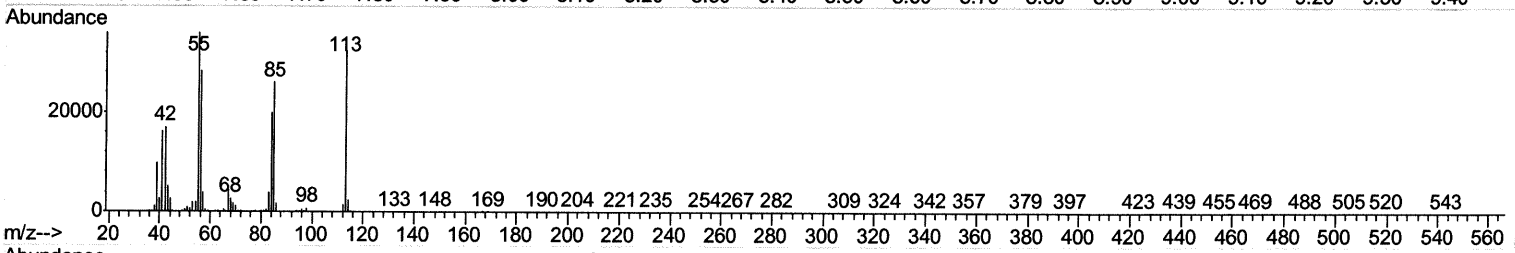
Data File : BP000942.D
Acq On : 22 Oct 2019 15:10
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 23 05:32:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 22:14:11 2019
Response via : Initial Calibration

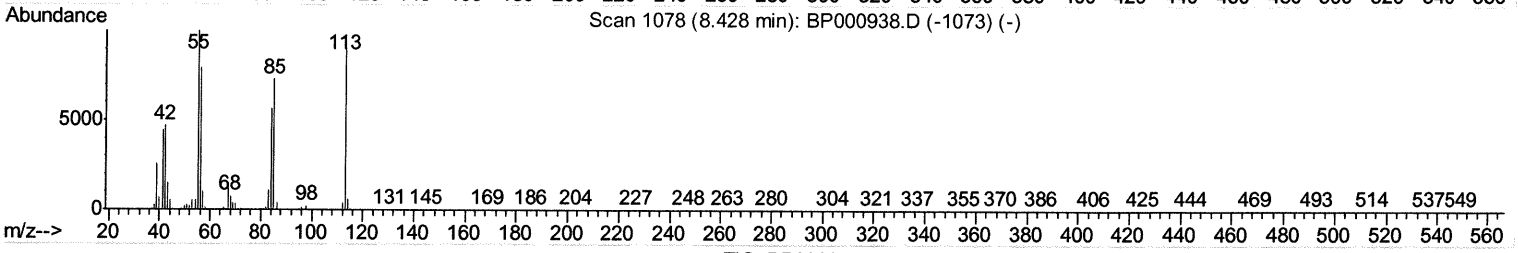
Instrument :
BNA_P
LabSampleId :
SSTD02096

Manual Integrations APPROVED
mohammad
10/24/2019 8:07:58 AM





Scan 1078 (8.428 min): BP000938.D (-1073) (-)



TIC: BP000942.D

(32) Caprolactam

8.428min (-0.006) 15.08ng/ul

response 35948

Ion	Exp%	Act%
113.00	100	100
55.00	116.30	110.34
56.00	86.80	86.80
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP102219\

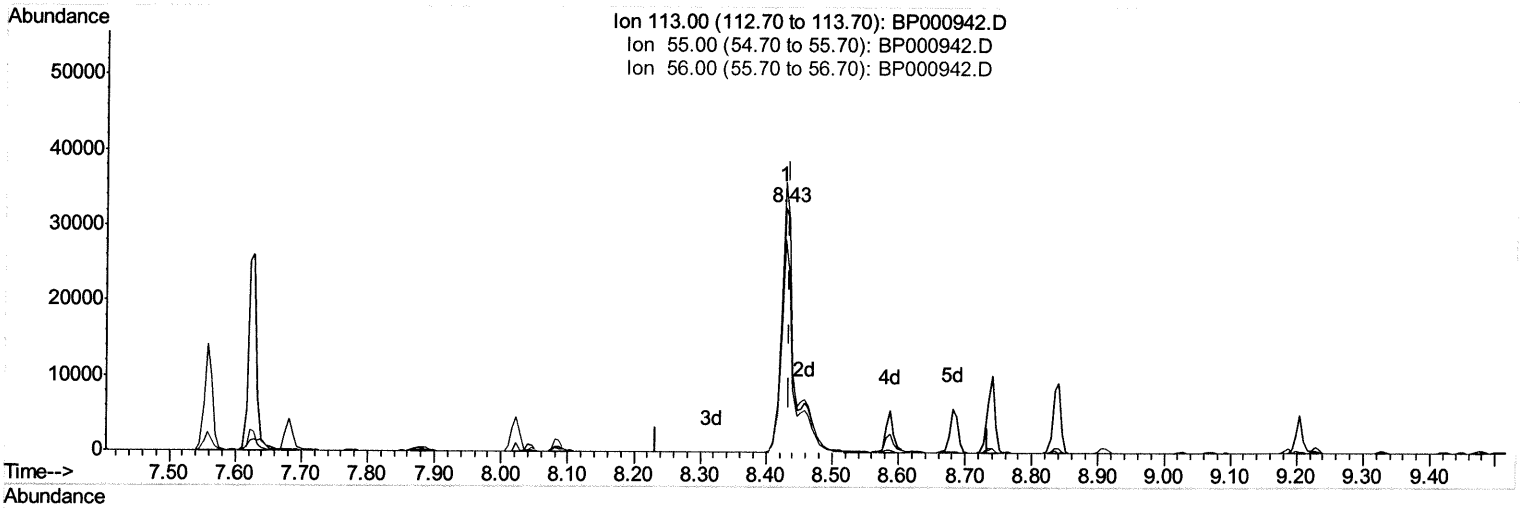
Quantitation Report (Qedit)

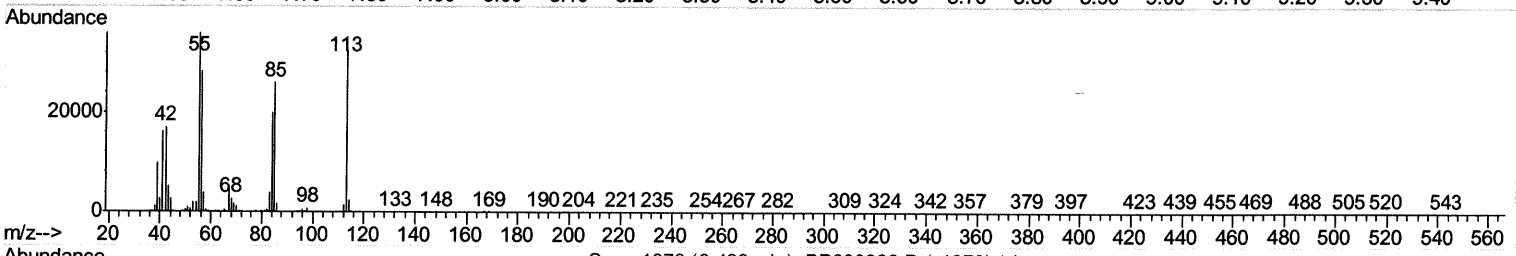
Data File : BP000942.D
Acq On : 22 Oct 2019 15:10
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 23 05:32:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 22:14:11 2019
Response via : Initial Calibration

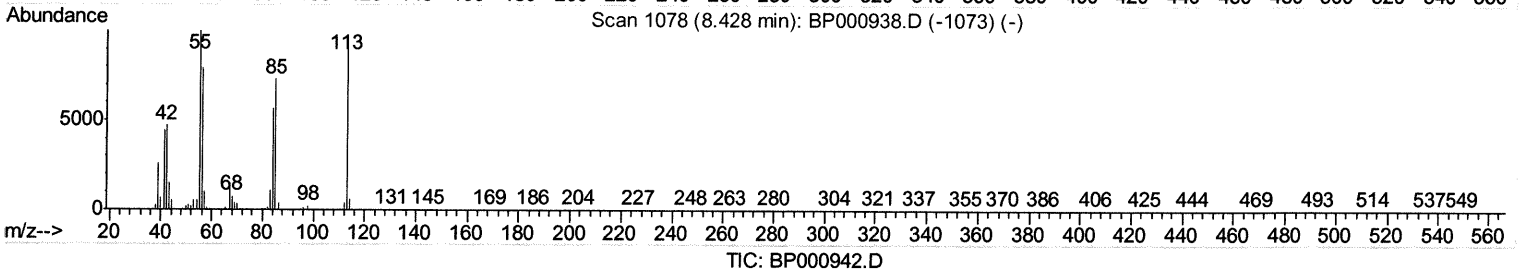
Instrument :
BNA_P
LabSampleId :
SSTD02096

Manual Integrations APPROVED
mohammad
10/24/2019 8:07:58 AM





Scan 1078 (8.428 min): BP000938.D (-1073) (-)



TIC: BP000942.D

(32) Caprolactam

8.428min (-0.006) 19.28ng/ul m JM 10.23.19

response 45955

Ion	Exp%	Act%
113.00	100	100
55.00	116.30	110.34
56.00	86.80	86.80
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP102219\

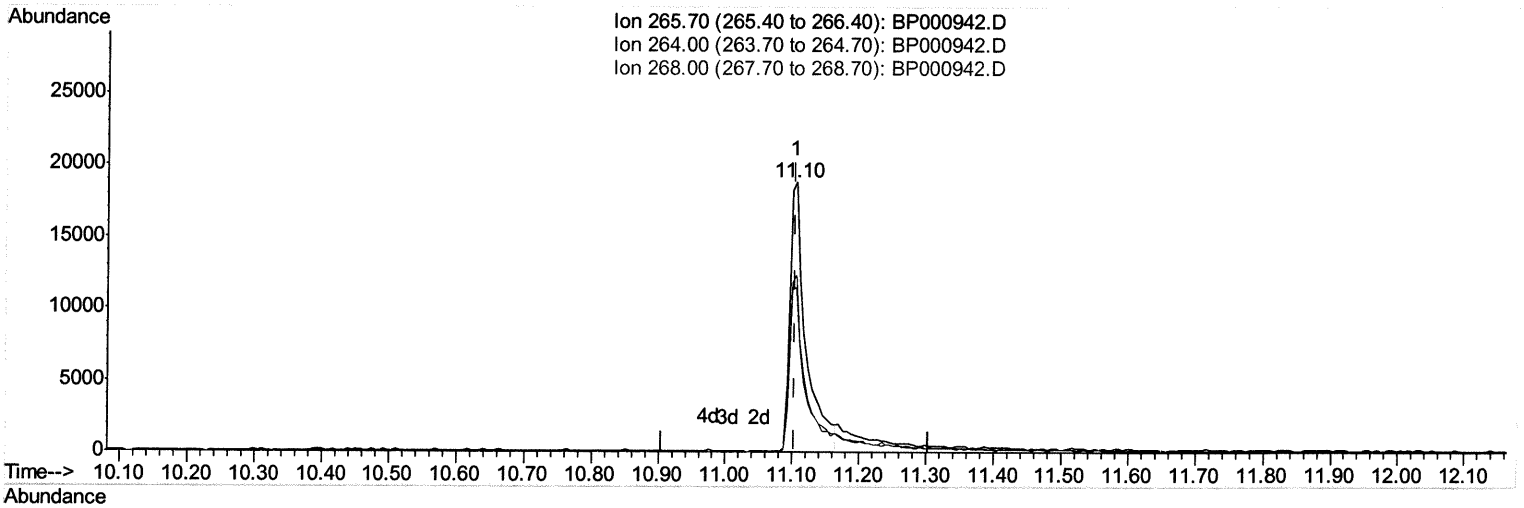
Quantitation Report (Qedit)

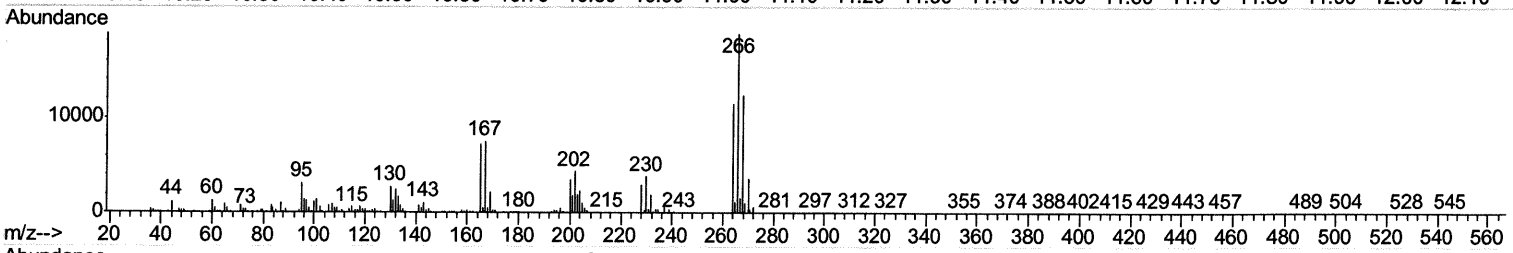
Data File : BP000942.D
Acq On : 22 Oct 2019 15:10
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 23 05:32:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 22:14:11 2019
Response via : Initial Calibration

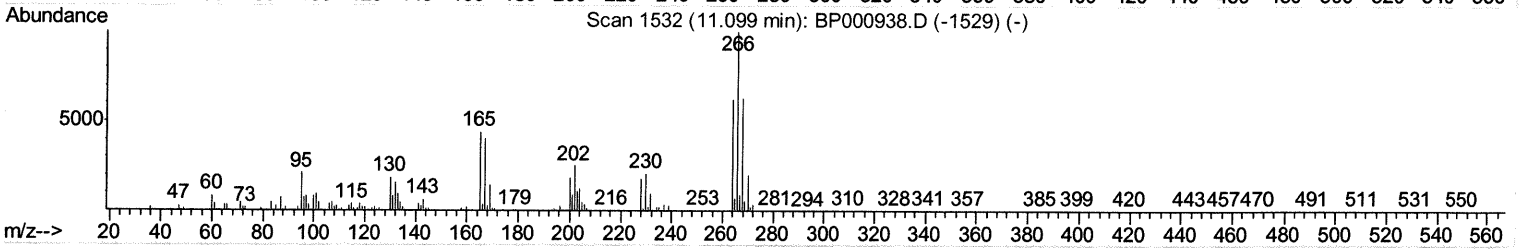
Instrument :
BNA_P
LabSampleId :
SSTD02096

Manual Integrations APPROVED
mohammad
10/24/2019 8:07:58 AM





Scan 1532 (11.099 min): BP000938.D (-1529) (-)



TIC: BP000942.D

(69) Pentachlorophenol (C)

11.105min (0.000) 11.90ng/ul

response 30969

Ion	Exp%	Act%
265.70	100	100
264.00	62.00	61.05
268.00	62.00	65.64
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP102219\

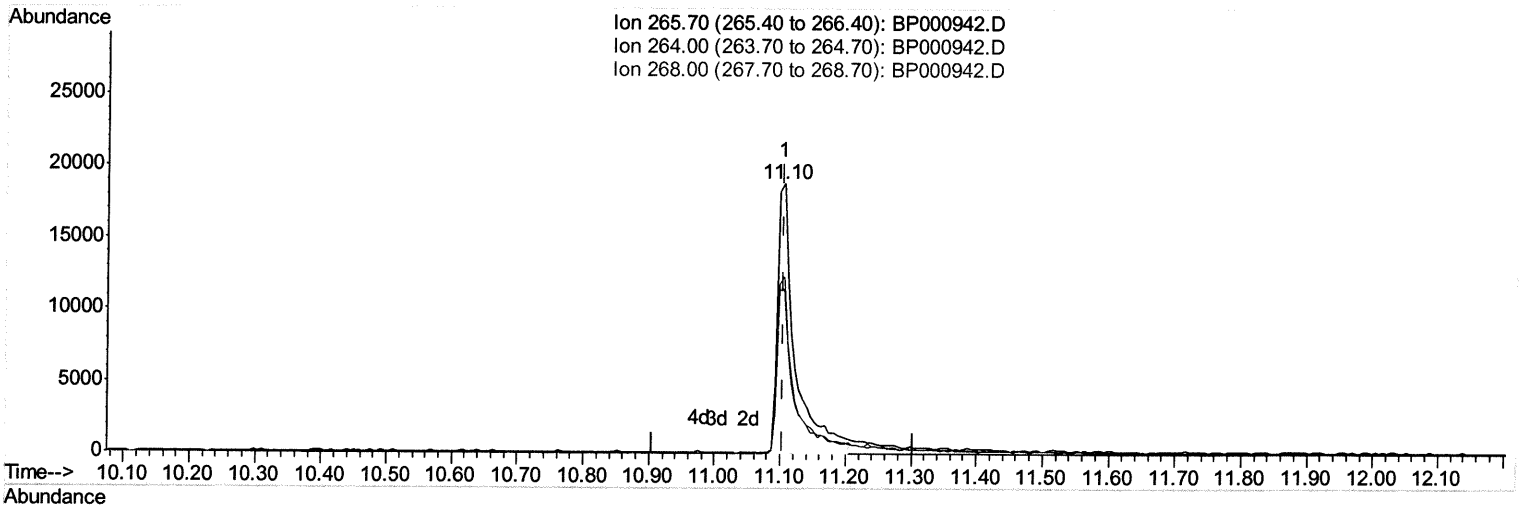
Quantitation Report (Qedit)

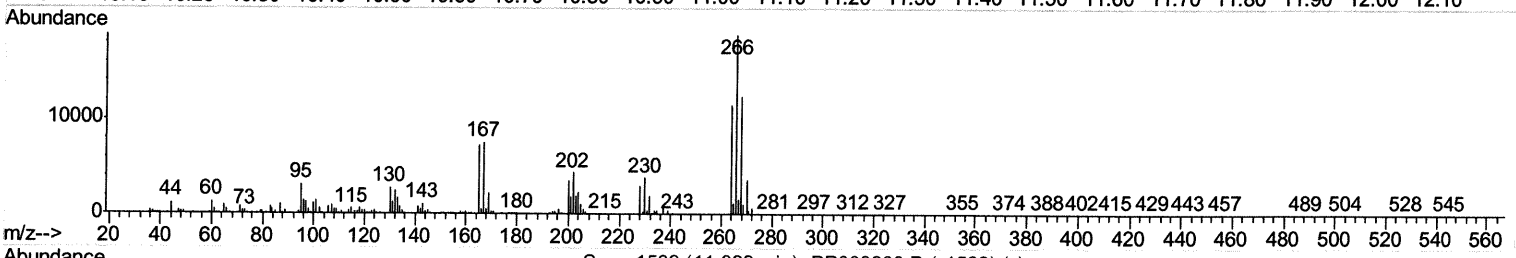
Data File : BP000942.D
Acq On : 22 Oct 2019 15:10
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 23 05:32:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 22:14:11 2019
Response via : Initial Calibration

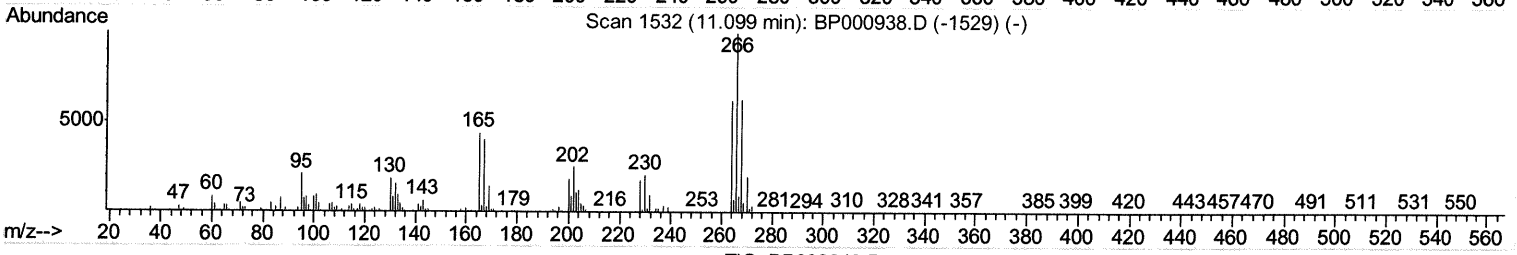
Instrument :
BNA_P
LabSampleId :
SSTD02096

Manual Integrations APPROVED
mohammad
10/24/2019 8:07:58 AM





Scan 1532 (11.099 min): BP000938.D (-1529) (-)



TIC: BP000942.D

(69) Pentachlorophenol (C)

11.105min (0.000) 13.26ng/ul m PM 10-23-19

response 34492

Ion	Exp%	Act%
265.70	100	100
264.00	62.00	61.05
268.00	62.00	65.64
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP102219\

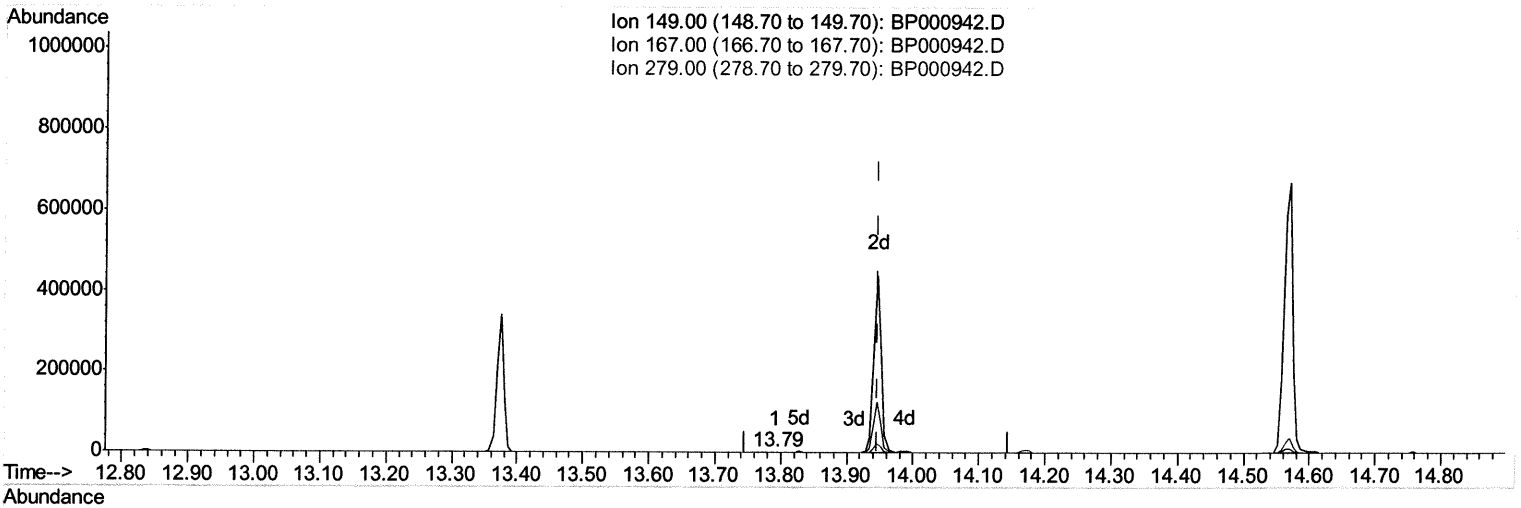
Quantitation Report (Qedit)

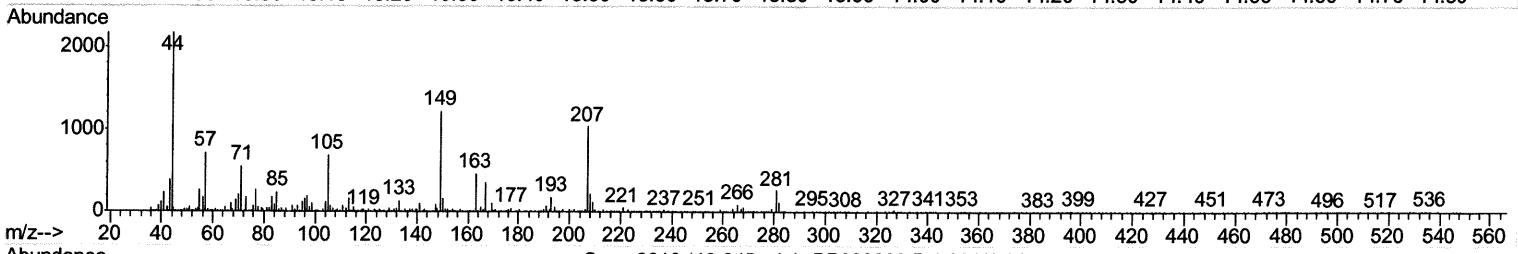
Data File : BP000942.D
Acq On : 22 Oct 2019 15:10
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 23 05:32:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 22:14:11 2019
Response via : Initial Calibration

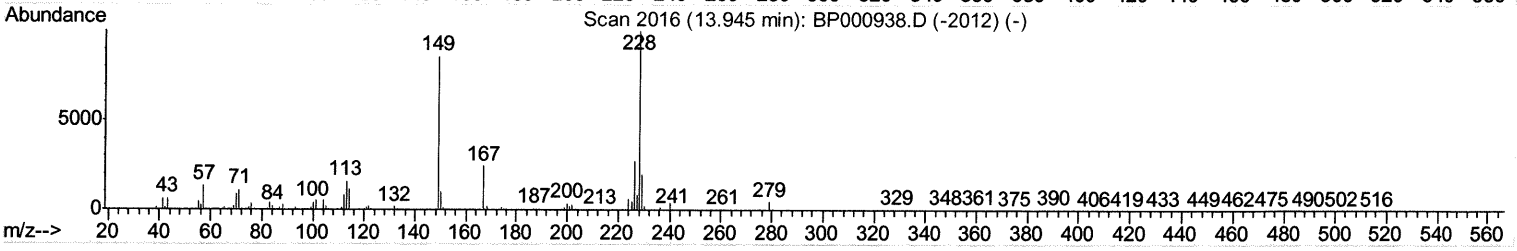
Instrument :
BNA_P
LabSampleId :
SSTD02096

Manual Integrations APPROVED
mohammad
10/24/2019 8:07:58 AM





Scan 2016 (13.945 min): BP000938.D (-2012) (-)



TIC: BP000942.D

(84) Bis(2-ethylhexyl)phthalate

13.793min (-0.153) 0.04ng/ul

response 824

Ion	Exp%	Act%
149.00	100	100
167.00	27.90	29.66
279.00	4.00	3.43
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP102219\

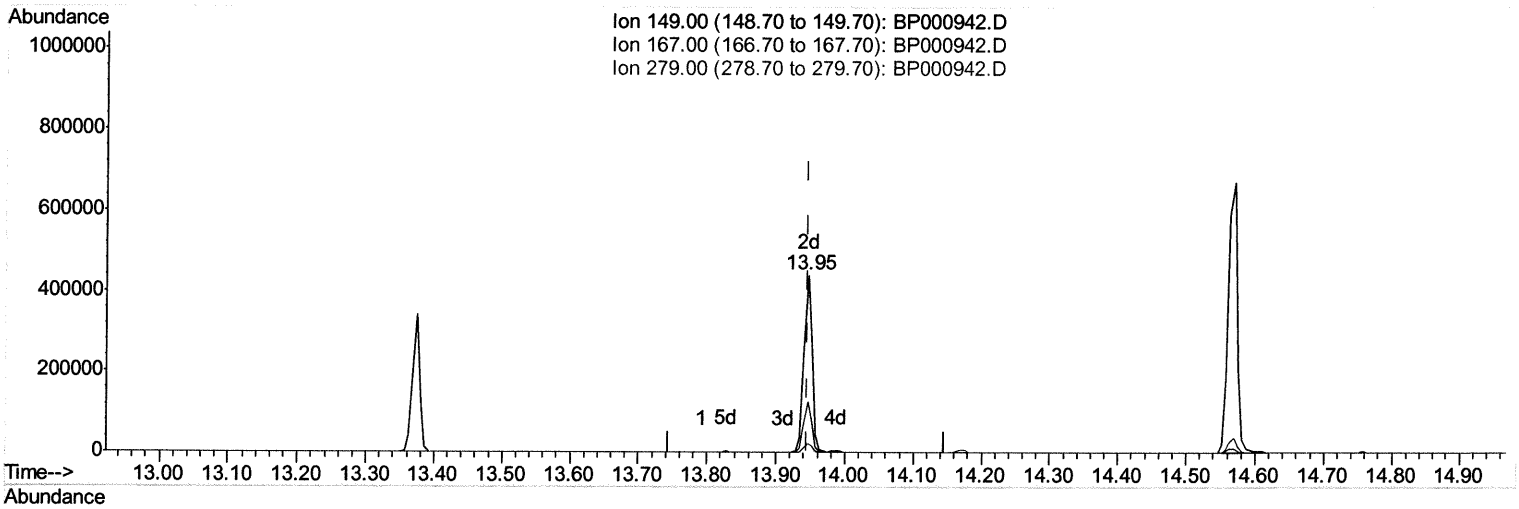
Quantitation Report (Qedit)

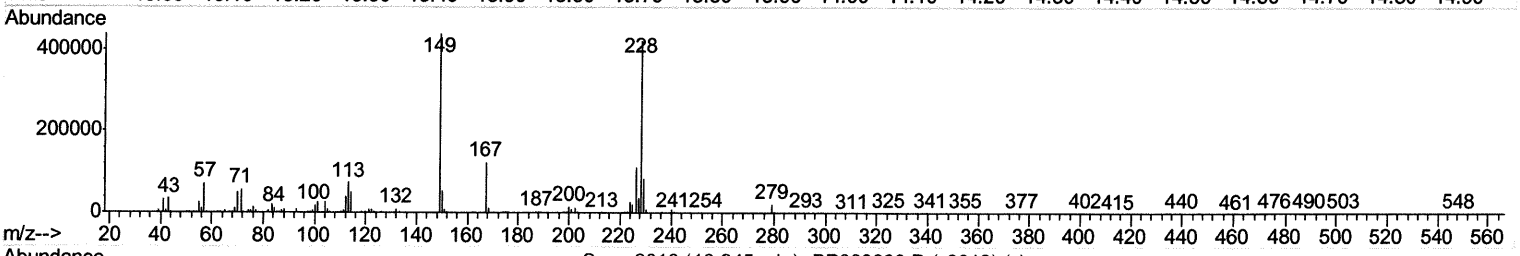
Data File : BP000942.D
Acq On : 22 Oct 2019 15:10
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 23 05:32:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 22:14:11 2019
Response via : Initial Calibration

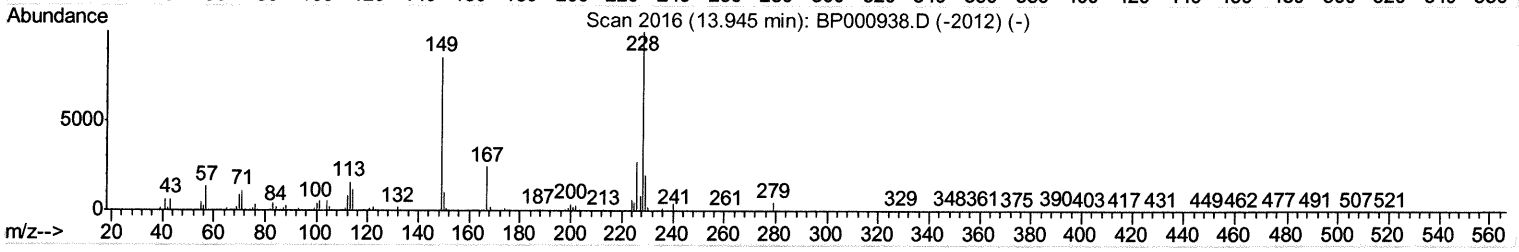
Instrument :
BNA_P
LabSampleId :
SSTD02096

Manual Integrations APPROVED
mohammad
10/24/2019 8:07:58 AM





Scan 2016 (13.945 min): BP000938.D (-2012) (-)



TIC: BP000942.D

(84) Bis(2-ethylhexyl)phthalate

13.946min (+0.000) 19.45ng/ul m JM 10.23.19

response 359528

Ion	Exp%	Act%
149.00	100	100
167.00	27.90	28.21
279.00	4.00	4.95#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP102219\

Quantitation Report (QT Reviewed)

Data File : BP000942.D
Acq On : 22 Oct 2019 15:10
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 23 05:35:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 22:14:11 2019
Response via : Initial Calibration

Instrument : BNA_P
LabSampleId : SSTD02096

Manual Integrations APPROVED
mohammad
10/24/2019 8:07:58 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	129666	20.00	ng/ul	0.00
18) Naphthalene-d8	8.02	136	486770	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.79	164	279275	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	539219	20.00	ng/ul	0.00
78) Chrysene-d12	13.96	240	479732	20.00	ng/ul	0.00
86) Perylene-d12	15.44	264	548371	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.34	96	22057	7.06	ng/uL	0.00
5) Phenol-d5	6.38	99	181754	18.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.42	67	88743	17.75	ng/ul	0.00
9) 2-Chlorophenol-d4	6.51	132	159699	18.95	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	147424	19.29	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	73847	19.96	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	79732	20.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	151492	20.09	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	176710	21.07	ng/ul	0.00
44) Dimethylphthalate-d6	9.48	166	398047	20.36	ng/ul	0.00
47) Acenaphthylene-d8	9.63	160	483126	20.09	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	41411	13.75	ng/ul	0.00
58) Fluorene-d10	10.31	176	339240	20.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	44569	17.36	ng/ul	0.00
71) Anthracene-d10	11.34	188	494700	19.81	ng/ul	0.00
79) Pyrene-d10	12.73	212	517951	19.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.35	264	531357	19.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	22818	7.145	ng/uL	94
4) Benzaldehyde	6.29	77	96281	15.271	ng/ul	94
6) Phenol	6.39	94	191604	19.002	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.47	93	147657	18.690	ng/ul	99
10) 2-Chlorophenol	6.53	128	167780	19.112	ng/ul	96
11) 2-Methylphenol	7.00	108	149536	19.101	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.02	45	124810	17.397	ng/ul#	92
14) Acetophenone	7.15	105	228301	20.187	ng/ul	93
15) N-Nitroso-di-n-propylamine	7.15	70	92181	18.138	ng/ul	98
16) 4-Methylphenol	7.16	108	157186	20.537	ng/ul	96
17) Hexachloroethane	7.25	117	66059	19.378	ng/ul	93
20) Nitrobenzene	7.32	77	150391	19.122	ng/ul	96
21) Isophorone	7.56	82	280489	18.444	ng/ul	98
23) 2-Nitrophenol	7.64	139	87581	20.346	ng/ul	96
24) 2,4-Dimethylphenol	7.68	107	168535	19.868	ng/ul	99
25) Bis(2-Chloroethoxy)methane	7.77	93	185685	18.503	ng/ul	99
27) 2,4-Dichlorophenol	7.89	162	149345	20.126	ng/ul	99
28) Naphthalene	8.05	128	491252	20.022	ng/ul	99
30) 4-Chloroaniline	8.09	127	181573	21.603	ng/ul	100
31) Hexachlorobutadiene	8.17	225	104913	22.167	ng/ul	98
32) Caprolactam	8.43	113	45955m	19.283	ng/ul	7
33) 4-Chloro-3-methylphenol	8.59	107	148693	20.238	ng/ul	98
34) 2-Methylnaphthalene	8.74	142	340499	19.982	ng/ul	100

MCO 10.23.19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP102219\

Quantitation Report (QT Reviewed)

Data File : BP000942.D
Acq On : 22 Oct 2019 15:10
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 23 05:35:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 22:14:11 2019
Response via : Initial Calibration

Instrument : BNA_P
LabSampleId : SSTD02096

Manual Integrations APPROVED
mohammad
10/24/2019 8:07:58 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	8.84	142	326254	19.951 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	8.91	216	185693	21.124 ng/ul	97
38) Hexachlorocyclopentadiene	8.90	237	49542	19.105 ng/ul	96
39) 2,4,6-Trichlorophenol	9.02	196	101230	19.201 ng/ul	99
40) 2,4,5-Trichlorophenol	9.07	196	108889	19.029 ng/ul	99
41) 1,1'-Biphenyl	9.20	154	432701	20.303 ng/ul	98
42) 2-Chloronaphthalene	9.23	162	338270	20.358 ng/ul	99
43) 2-Nitroaniline	9.33	65	73912	19.697 ng/ul#	79
45) Dimethylphthalate	9.50	163	394765	20.265 ng/ul	100
46) 2,6-Dinitrotoluene	9.57	165	82609	21.379 ng/ul	98
48) Acenaphthylene	9.65	152	499369	20.124 ng/ul	99
49) 3-Nitroaniline	9.74	138	79457	19.661 ng/ul	92
50) Acenaphthene	9.82	153	344725	20.069 ng/ul	98
51) 2,4-Dinitrophenol	9.86	184	18547	13.036 ng/ul	96
53) 4-Nitrophenol	9.92	109	34388	16.724 ng/ul	89
54) Dibenzofuran	9.99	168	482836	20.197 ng/ul	99
55) 2,4-Dinitrotoluene	9.98	165	114343	21.422 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	10.12	232	78422	18.895 ng/ul#	88
57) Diethylphthalate	10.21	149	384575	20.442 ng/ul	99
59) Fluorene	10.34	166	378304	20.363 ng/ul	99
60) 4-Chlorophenyl-phenylether	10.33	204	197878	20.791 ng/ul	98
61) 4-Nitroaniline	10.35	138	82819	17.996 ng/ul	89
64) 4,6-Dinitro-2-methylphenol	10.40	198	47949	17.803 ng/ul	98
65) N-Nitrosodiphenylamine	10.45	169	331855	19.295 ng/ul	98
66) 4-Bromophenyl-phenylether	10.82	248	130688	20.940 ng/ul	95
67) Hexachlorobenzene	10.90	284	144462	21.854 ng/ul	96
68) Atrazine	10.98	200	120009	20.559 ng/ul	99
69) Pentachlorophenol	11.10	266	34492m	13.257 ng/ul	99
70) Phenanthrene	11.31	178	577302	19.645 ng/ul	99
72) Anthracene	11.36	178	592612	19.871 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	9.19	216	181008	20.350 ng/uL	99
74) Pentachlorobenzene	9.96	250	175173	21.002 ng/uL	99
75) Carbazole	11.52	167	525702	20.661 ng/ul	99
76) Di-n-butylphthalate	11.86	149	596541	19.536 ng/ul	99
77) Fluoranthene	12.52	202	660461	21.934 ng/ul#	93
80) Pyrene	12.75	202	661895	19.446 ng/ul	100
81) Butylbenzylphthalate	13.37	149	261366	18.791 ng/ul	96
82) 3,3'-Dichlorobenzidine	13.91	252	227008	18.627 ng/ul	100
83) Benzo(a)anthracene	13.95	228	632728	19.651 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	359528m	19.446 ng/ul	99
85) Chrysene	13.99	228	589941	19.713 ng/ul	99
87) Di-n-octyl phthalate	14.57	149	606958	19.306 ng/ul	100
88) Benzo(b)fluoranthene	15.01	252	623613	19.060 ng/ul	98
89) Benzo(k)fluoranthene	15.04	252	644991	20.701 ng/ul	98
91) Benzo(a)pyrene	15.37	252	601489	19.417 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	16.91	276	708875	19.963 ng/ul	96
93) Dibenzo(a,h)anthracene	16.92	278	592406	20.353 ng/ul	96
94) Benzo(g,h,i)perylene	17.35	276	592667	20.046 ng/ul	96

JU 10.23.19

JU 10.23.19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP102219\

Quantitation Report (QT Reviewed)

Data File : BP000942.D
Acq On : 22 Oct 2019 15:10
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 23 05:35:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 22:14:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
LabSampleId :
SSTD02096

Manual Integrations APPROVED
mohammad
10/24/2019 8:07:58 AM