Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021420\

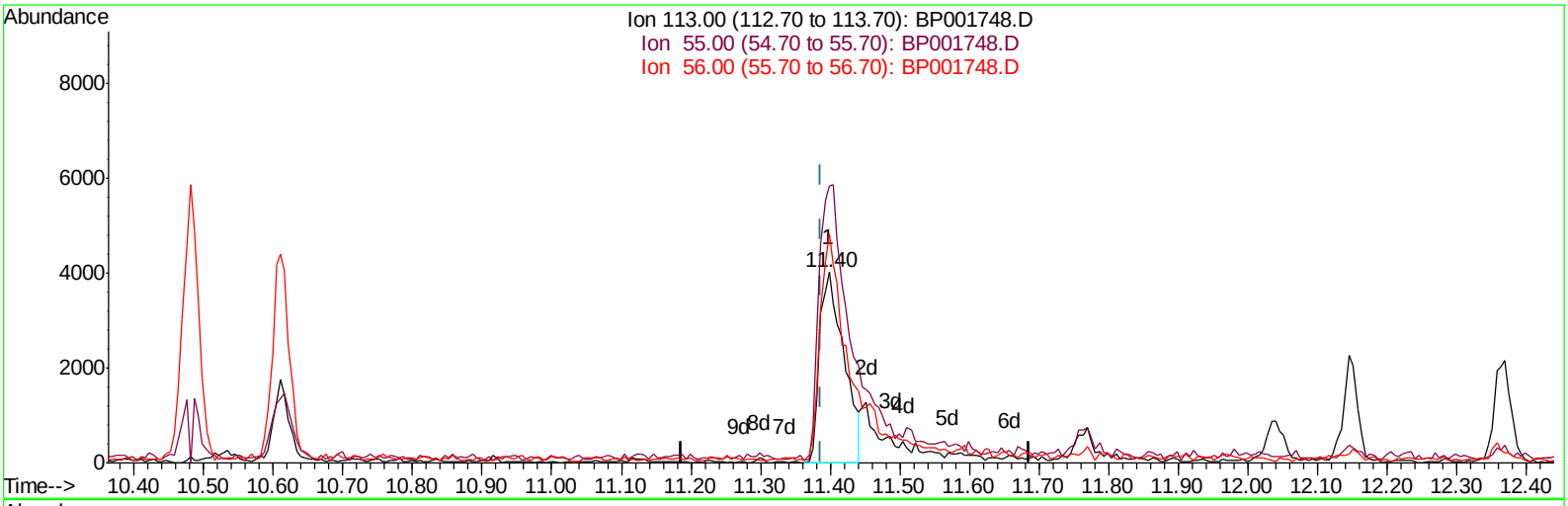
Quantitation Report (Qedit)

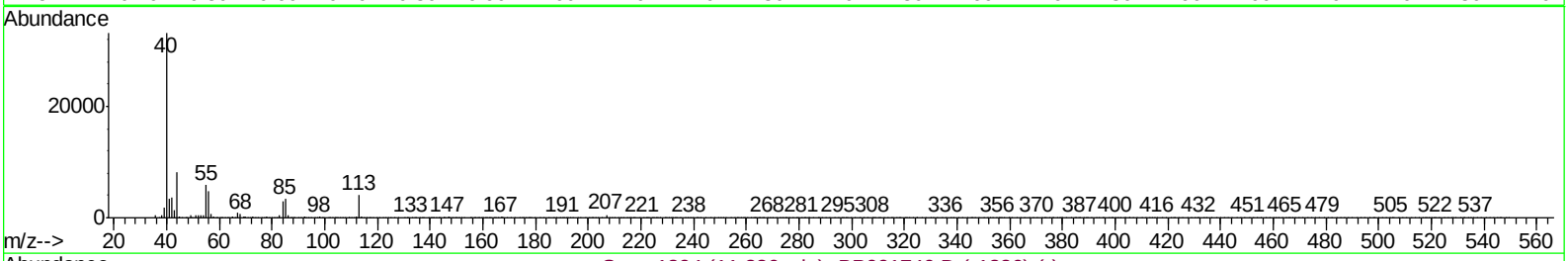
Data File : BP001748.D
Acq On : 14 Feb 2020 16:39
Operator : CG/JU
Sample : K5695-08
Misc : MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

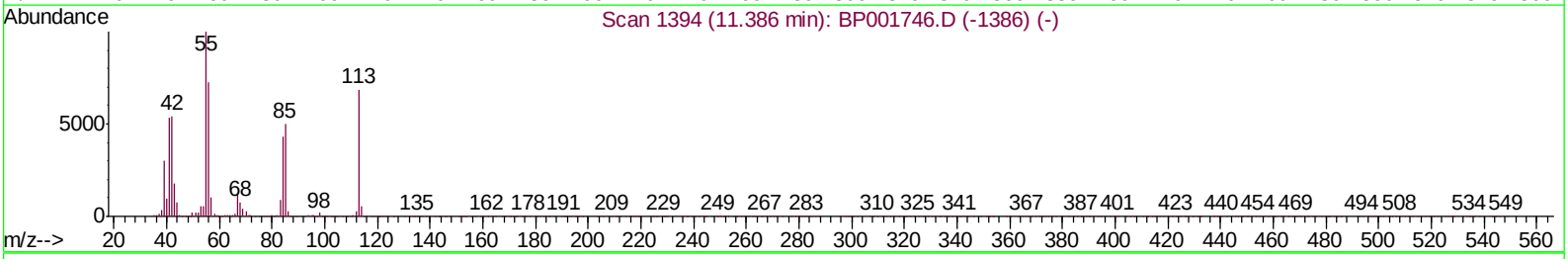
Quant Time: Feb 15 04:48:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 04:45:21 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-01

Manual Integrations APPROVED
mohammad
2/17/2020 3:50:37 PM







TIC: BP001748.D

(32) Caprolactam

11.399min (+0.012) 2.03ng/ul

response 9634

Ion	Exp%	Act%
113.00	100	100
55.00	146.60	145.20
56.00	113.40	120.36
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021420\

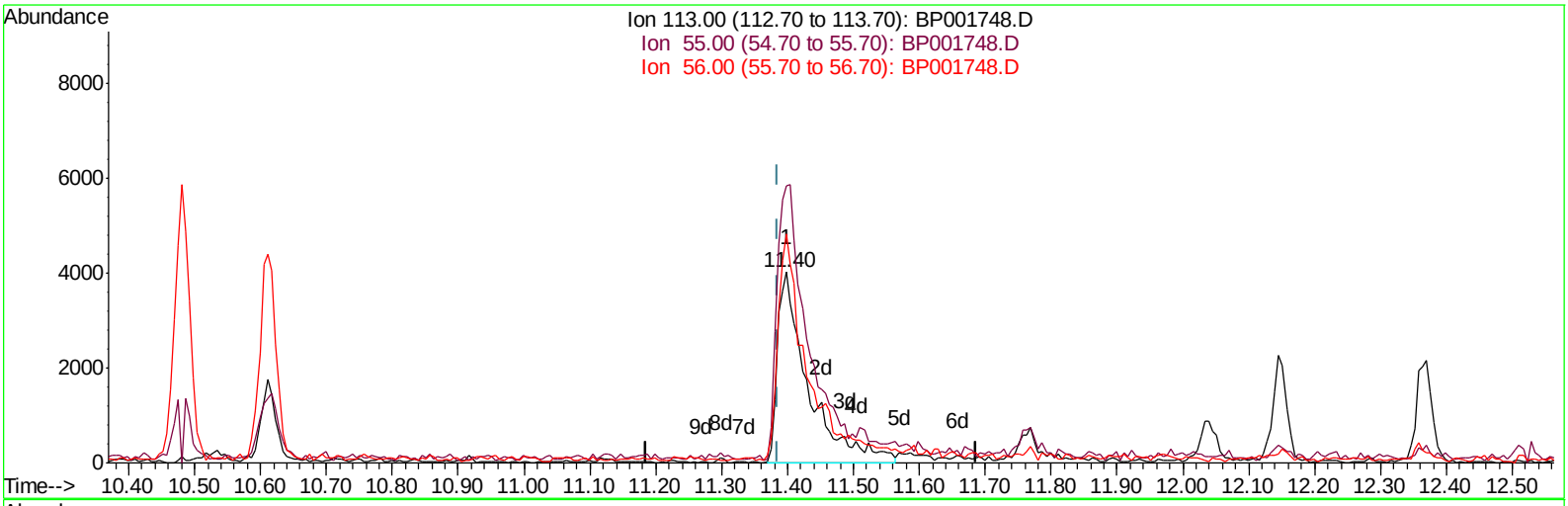
Quantitation Report (Qedit)

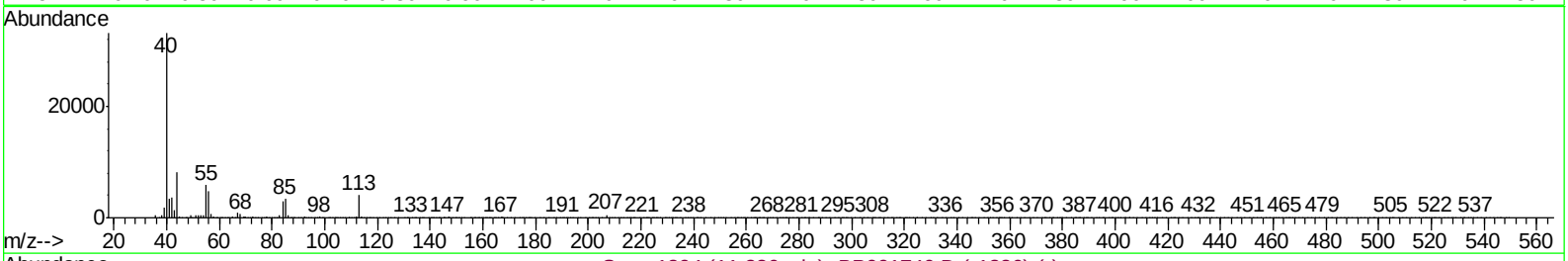
Data File : BP001748.D
Acq On : 14 Feb 2020 16:39
Operator : CG/JU
Sample : K5695-08
Misc : MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

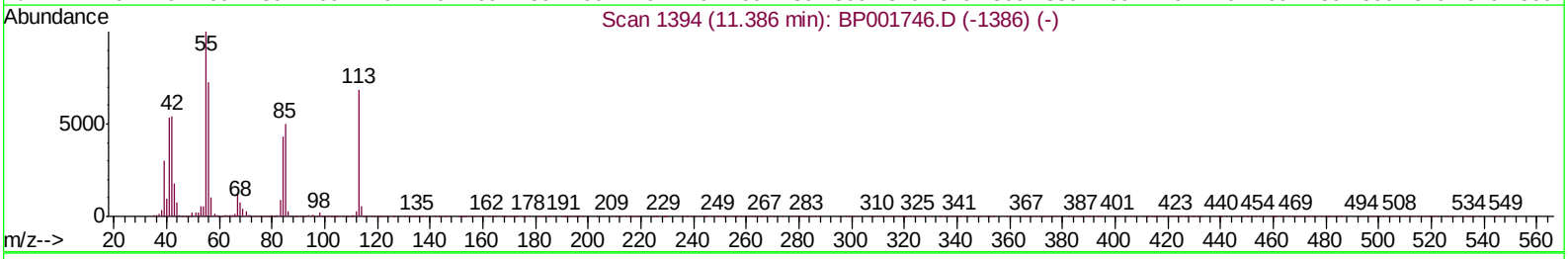
Quant Time: Feb 15 04:48:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 04:45:21 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-01

Manual Integrations APPROVED
mohammad
2/17/2020 3:50:37 PM







TIC: BP001748.D

(32) Caprolactam

11.399min (+0.012) 2.74ng/ul m

response 13010

Ion	Exp%	Act%
113.00	100	100
55.00	146.60	145.20
56.00	113.40	120.36
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021420\

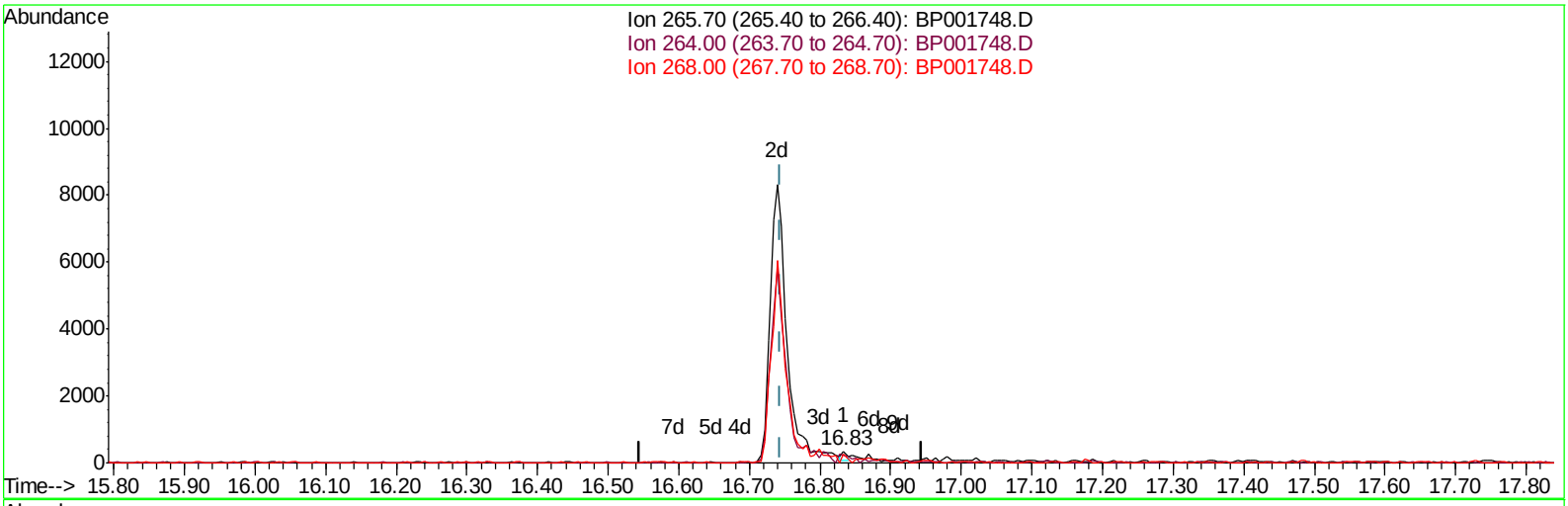
Quantitation Report (Qedit)

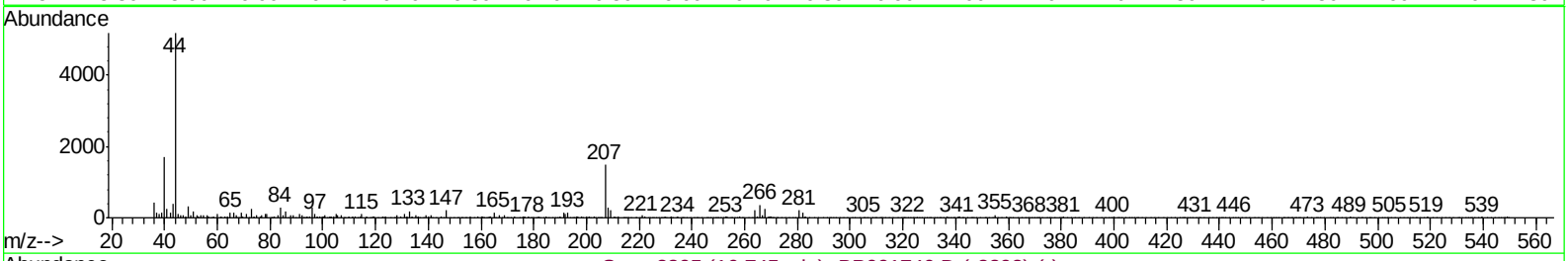
Data File : BP001748.D
Acq On : 14 Feb 2020 16:39
Operator : CG/JU
Sample : K5695-08
Misc : MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

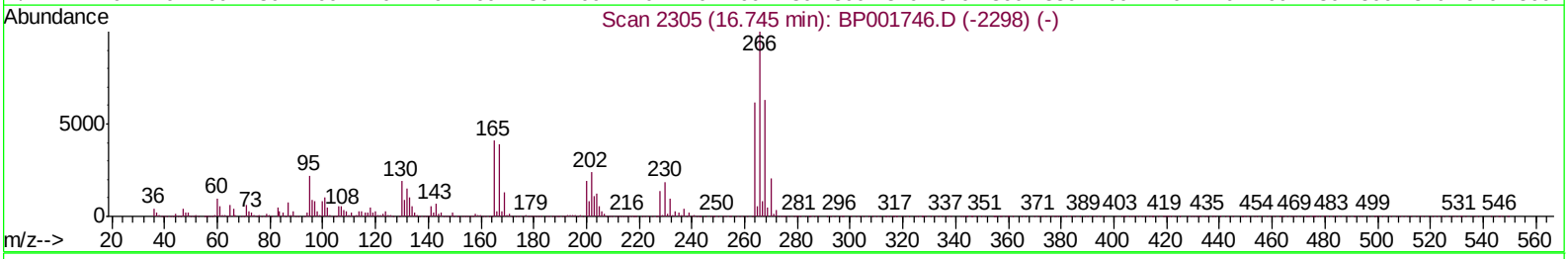
Quant Time: Feb 15 04:48:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 04:45:21 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-01

Manual Integrations APPROVED
mohammad
2/17/2020 3:50:37 PM







TIC: BP001748.D

(69) Pentachlorophenol (C)

16.834min (+0.089) 0.02ng/ul

response 143

Ion	Exp%	Act%
265.70	100	100
264.00	63.70	62.57
268.00	63.50	69.27
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021420\

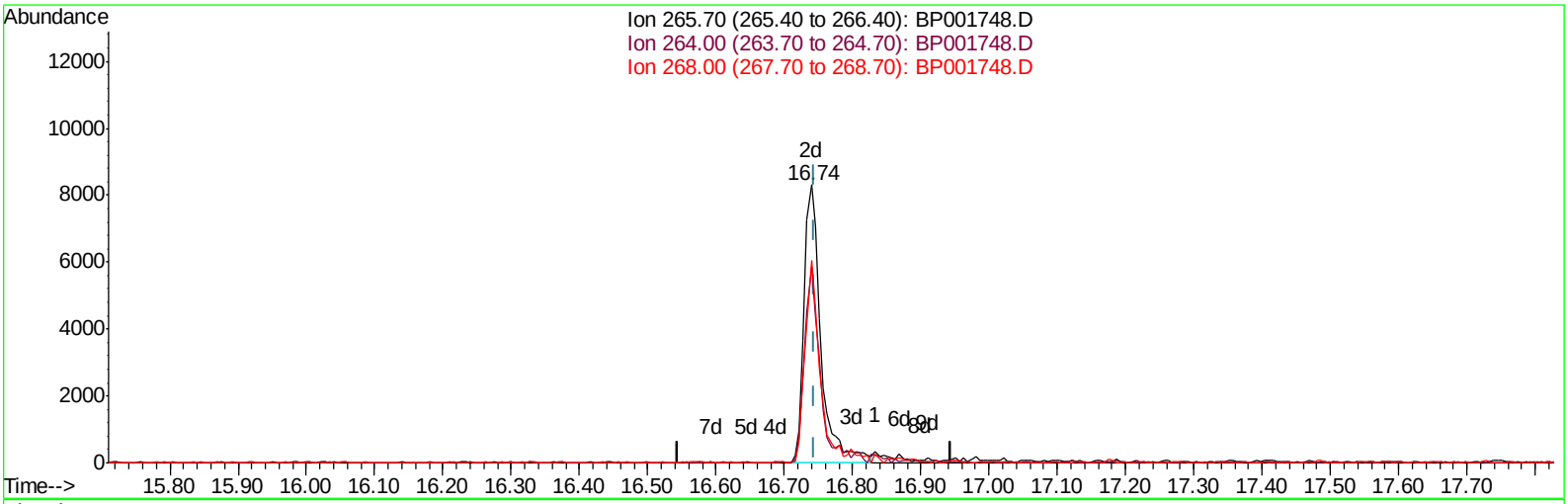
Quantitation Report (Qedit)

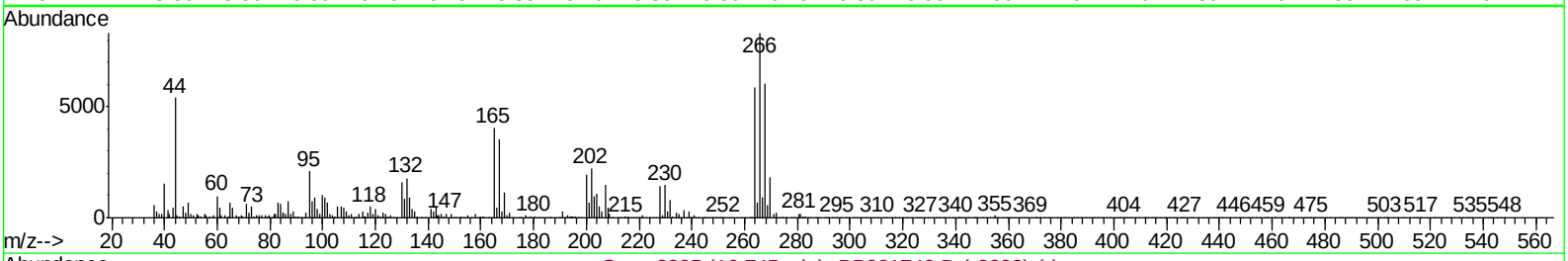
Data File : BP001748.D
Acq On : 14 Feb 2020 16:39
Operator : CG/JU
Sample : K5695-08
Misc : MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

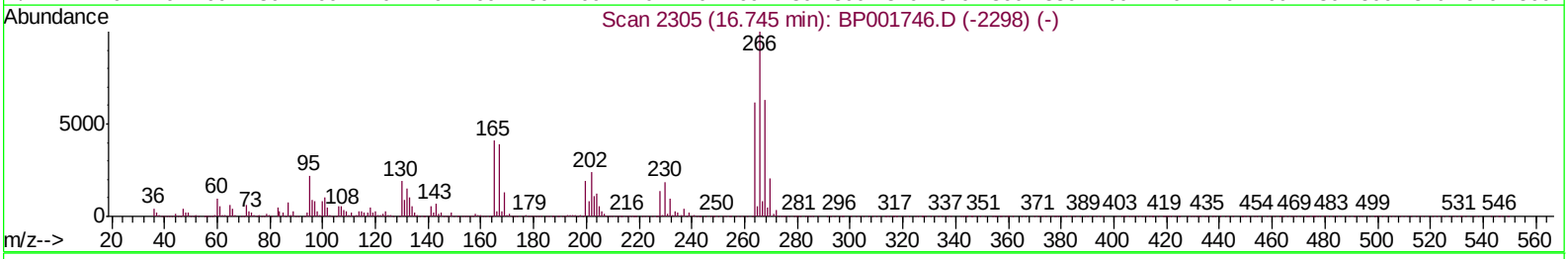
Quant Time: Feb 15 04:48:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 04:45:21 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-01

Manual Integrations APPROVED
mohammad
2/17/2020 3:50:37 PM







TIC: BP001748.D

(69) Pentachlorophenol (C)

16.739min (-0.005) 1.68ng/ul m

response 14209

Ion	Exp%	Act%
265.70	100	100
264.00	63.70	70.43
268.00	63.50	72.87
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021420\

Quantitation Report (QT Reviewed)

Data File : BP001748.D
Acq On : 14 Feb 2020 16:39
Operator : CG/JU
Sample : K5695-08
Misc : MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-WATER-01

Manual Integrations APPROVED
mohammad
2/17/2020 3:50:37 PM

Quant Time: Feb 15 05:31:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 04:45:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	182390	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	885870	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	611460	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	1389332	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	1563388	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	1768423	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	20973	5.49	ng/uL	0.00
5) Phenol-d5	6.88	99	500956	32.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	351794	38.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	394041	34.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	422149	33.34	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	258325	37.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	156425	29.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	407155	32.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	714944	45.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1703462	38.72	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	2215201	39.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	207205	25.38	ng/ul	0.00
58) Fluorene-d10	15.33	176	1541867	38.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	117214	20.94	ng/ul	0.00
71) Anthracene-d10	17.19	188	2484810	39.35	ng/ul	0.00
79) Pyrene-d10	19.43	212	2890960	38.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	3221959	38.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	3862	0.920	ng/uL#	82
4) Benzaldehyde	6.85	77	48961	4.870	ng/ul	98
6) Phenol	6.90	94	59327	3.588	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.14	93	56537	4.316	ng/ul	97
10) 2-Chlorophenol	7.28	128	45335	3.770	ng/ul	96
11) 2-Methylphenol	8.15	108	41591	3.256	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.25	45	73213	4.357	ng/ul	99
14) Acetophenone	8.52	105	91520	4.377	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.51	70	43387	4.174	ng/ul	97
16) 4-Methylphenol	8.47	108	49510	3.515	ng/ul	96
17) Hexachloroethane	8.79	117	22762	4.347	ng/ul	94
20) Nitrobenzene	8.89	77	70884	4.279	ng/ul	99
21) Isophorone	9.42	82	120822	3.842	ng/ul	100
23) 2-Nitrophenol	9.60	139	19788	3.097	ng/ul	96
24) 2,4-Dimethylphenol	9.67	107	50452	3.404	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.90	93	81403	4.127	ng/ul	100
27) 2,4-Dichlorophenol	10.13	162	46251	3.585	ng/ul	89
28) Naphthalene	10.53	128	198612	4.150	ng/ul	99
30) 4-Chloroaniline	10.63	127	74020	4.607	ng/ul	95
31) Hexachlorobutadiene	10.83	225	36932	4.122	ng/ul	95
32) Caprolactam	11.40	113	13010m	2.743	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	38660	2.910	ng/ul	98
34) 2-Methylnaphthalene	12.15	142	142659	4.149	ng/ul	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021420\

Quantitation Report (QT Reviewed)

Data File : BP001748.D
Acq On : 14 Feb 2020 16:39
Operator : CG/JU
Sample : K5695-08
Misc : MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-WATER-01

Manual Integrations APPROVED
mohammad
2/17/2020 3:50:37 PM

Quant Time: Feb 15 05:31:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 04:45:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.37	142	151887	4.448	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	77414	4.045	ng/ul	98
38) Hexachlorocyclopentadiene	12.51	237	34728	3.047	ng/ul	97
39) 2,4,6-Trichlorophenol	12.76	196	24149	2.481	ng/ul	95
40) 2,4,5-Trichlorophenol	12.83	196	25073	2.285	ng/ul	97
41) 1,1'-Biphenyl	13.17	154	195110	4.162	ng/ul	99
42) 2-Chloronaphthalene	13.20	162	153329	4.133	ng/ul	97
43) 2-Nitroaniline	13.40	65	26294	2.864	ng/ul	97
45) Dimethylphthalate	13.80	163	189390	4.077	ng/ul	100
46) 2,6-Dinitrotoluene	13.90	165	27787	3.089	ng/ul#	88
48) Acenaphthylene	14.05	152	255731	4.266	ng/ul	100
49) 3-Nitroaniline	14.23	138	27443	3.146	ng/ul	96
50) Acenaphthene	14.40	153	165587	4.118	ng/ul	97
51) 2,4-Dinitrophenol	14.43	184	5042	1.549	ng/ul	98
53) 4-Nitrophenol	14.54	109	19443	3.052	ng/ul	90
54) Dibenzofuran	14.73	168	243775	4.302	ng/ul	100
55) 2,4-Dinitrotoluene	14.69	165	43302	3.269	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.96	232	22924	2.456	ng/ul	96
57) Diethylphthalate	15.17	149	163272	3.608	ng/ul	98
59) Fluorene	15.39	166	200469	4.256	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.39	204	102847	4.317	ng/ul	96
61) 4-Nitroaniline	15.39	138	31207	2.949	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.46	198	15126	2.393	ng/ul#	58
65) N-Nitrosodiphenylamine	15.60	169	152221	3.872	ng/ul	98
66) 4-Bromophenyl-phenylether	16.29	248	57242	3.871	ng/ul	97
67) Hexachlorobenzene	16.40	284	72716	4.161	ng/ul	99
68) Atrazine	16.56	200	39614	2.694	ng/ul	98
69) Pentachlorophenol	16.74	266	14209m	1.676	ng/ul	
70) Phenanthrene	17.13	178	330828	4.228	ng/ul	99
72) Anthracene	17.22	178	334037	4.251	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	88007	4.211	ng/uL	98
74) Pentachlorobenzene	14.66	250	83940	3.948	ng/uL	98
75) Carbazole	17.49	167	239958	3.613	ng/ul	99
76) Di-n-butylphthalate	18.07	149	186612	2.667	ng/ul	98
77) Fluoranthene	19.10	202	351111	4.072	ng/ul	98
80) Pyrene	19.45	202	428808	4.258	ng/ul	99
81) Butylbenzylphthalate	20.35	149	50132	1.678	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.10	252	52270	1.713	ng/ul	94
83) Benzo(a)anthracene	21.16	228	390254	3.812	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	120241	2.465	ng/ul	100
85) Chrysene	21.21	228	409561	4.140	ng/ul	98
87) Di-n-octyl phthalate	22.00	149	156284	1.979	ng/ul	100
88) Benzo(b)fluoranthene	22.75	252	356193	3.480	ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	429754	4.156	ng/ul	98
91) Benzo(a)pyrene	23.32	252	398447	4.102	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.68	276	441625	3.471	ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	371541	3.500	ng/ul	98
94) Benzo(g,h,i)perylene	26.36	276	376814	3.479	ng/ul	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021420\

Quantitation Report (QT Reviewed)

Data File : BP001748.D
Acq On : 14 Feb 2020 16:39
Operator : CG/JU
Sample : K5695-08
Misc : MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-01

Manual Integrations APPROVED
mohammad
2/17/2020 3:50:37 PM

Quant Time: Feb 15 05:31:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 04:45:21 2020
Response via : Initial Calibration

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

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021420\

Quantitation Report (QT Reviewed)

Data File : BP001748.D
Acq On : 14 Feb 2020 16:39
Operator : CG/JU
Sample : K5695-08
Misc : MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 15 05:31:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 04:45:21 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-01

Manual Integrations APPROVED
mohammad
2/17/2020 3:50:37 PM