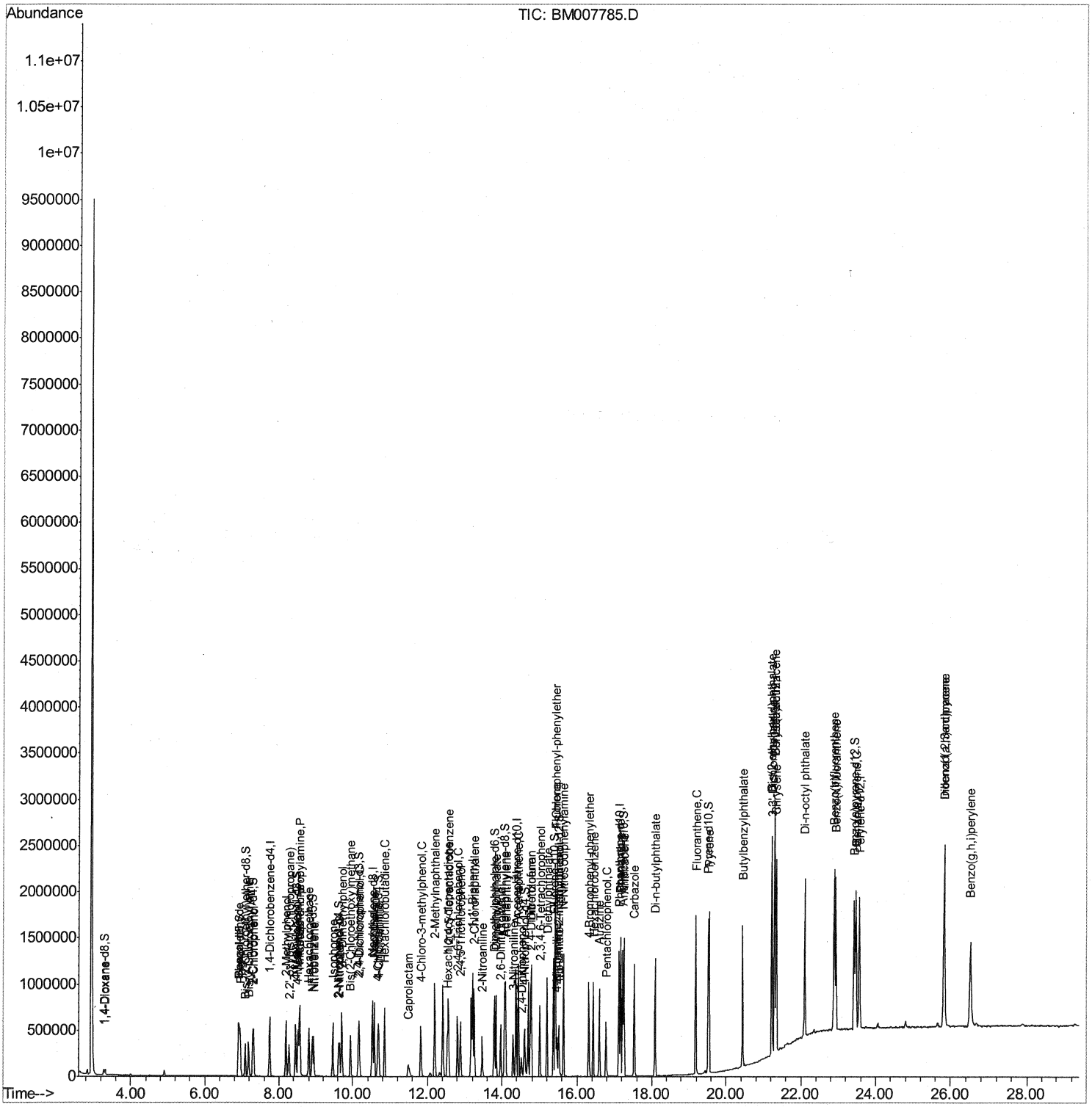
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110716\
Data File : BM007785.D
Acq On : 07 Nov 2016 23:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 03:28:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 08 02:10:44 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02039

Manual Integrations APPROVED
umangi
11/8/2016 3:15:29 PM

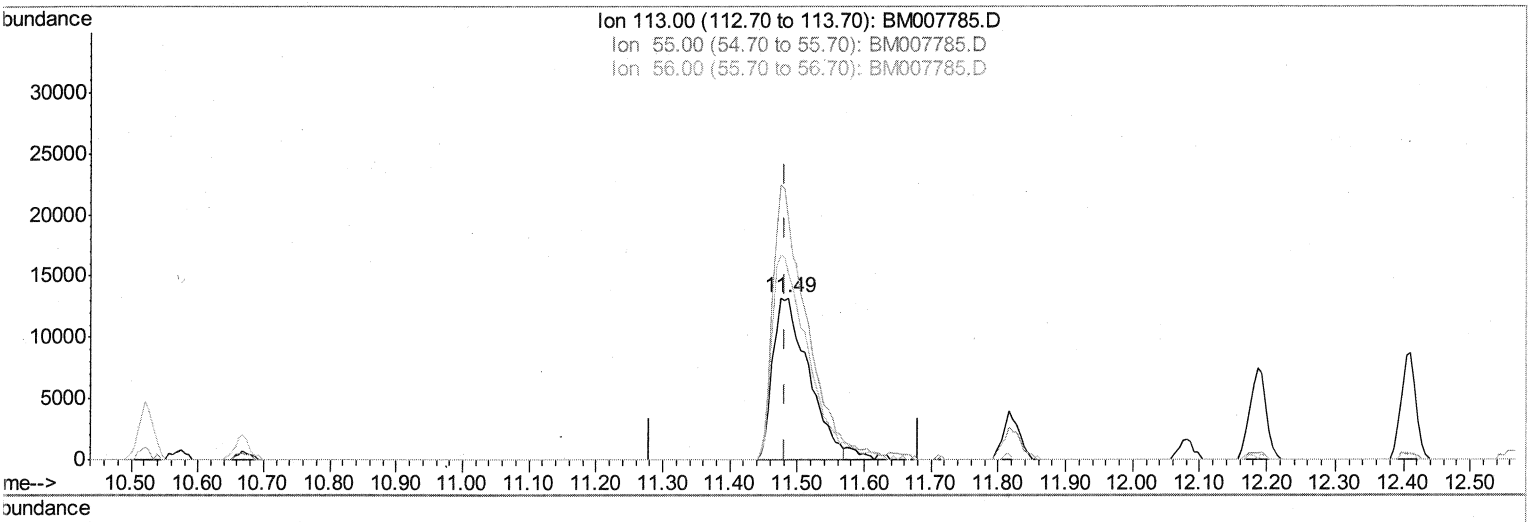


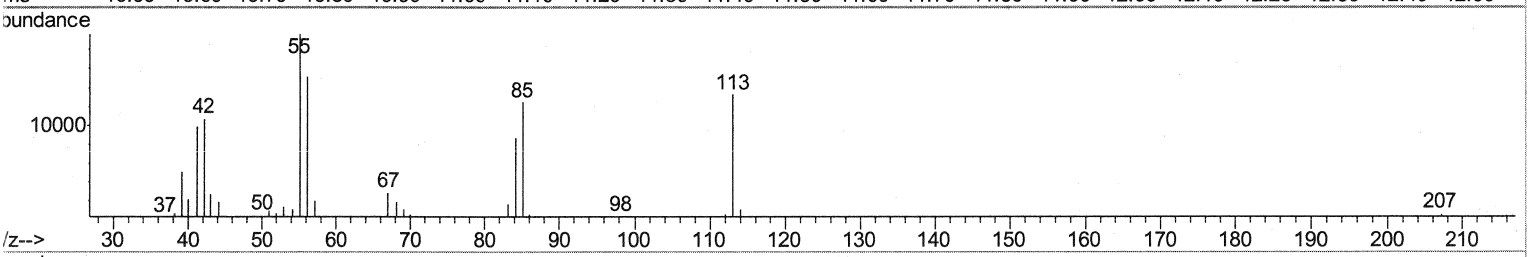
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110716\
Data File : BM007785.D
Acq On : 07 Nov 2016 23:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

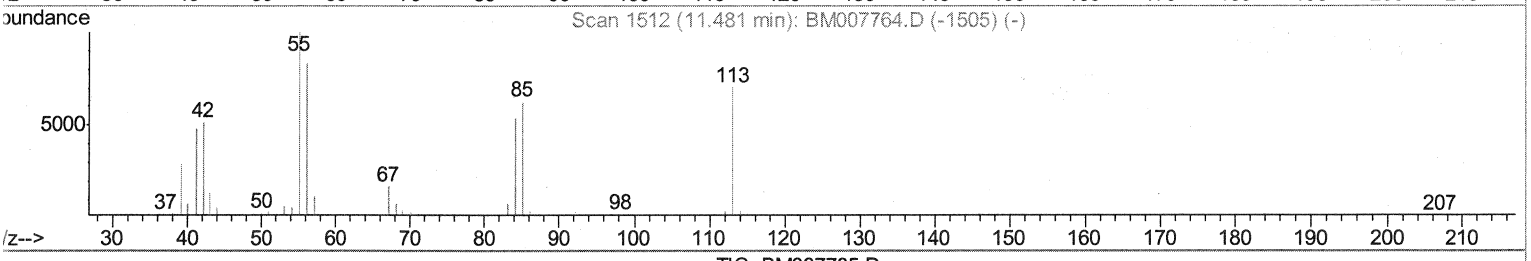
Quant Time: Nov 08 02:14:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 08 02:10:44 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02039

Manual Integrations APPROVED
umangi
11/8/2016 3:15:29 PM







TIC: BM007785.D

(32) Caprolactam

11.486min (+0.005) 18.64ng/ul

response 48641

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	148.20
56.00	121.70	114.58
0.00	0.00	0.00

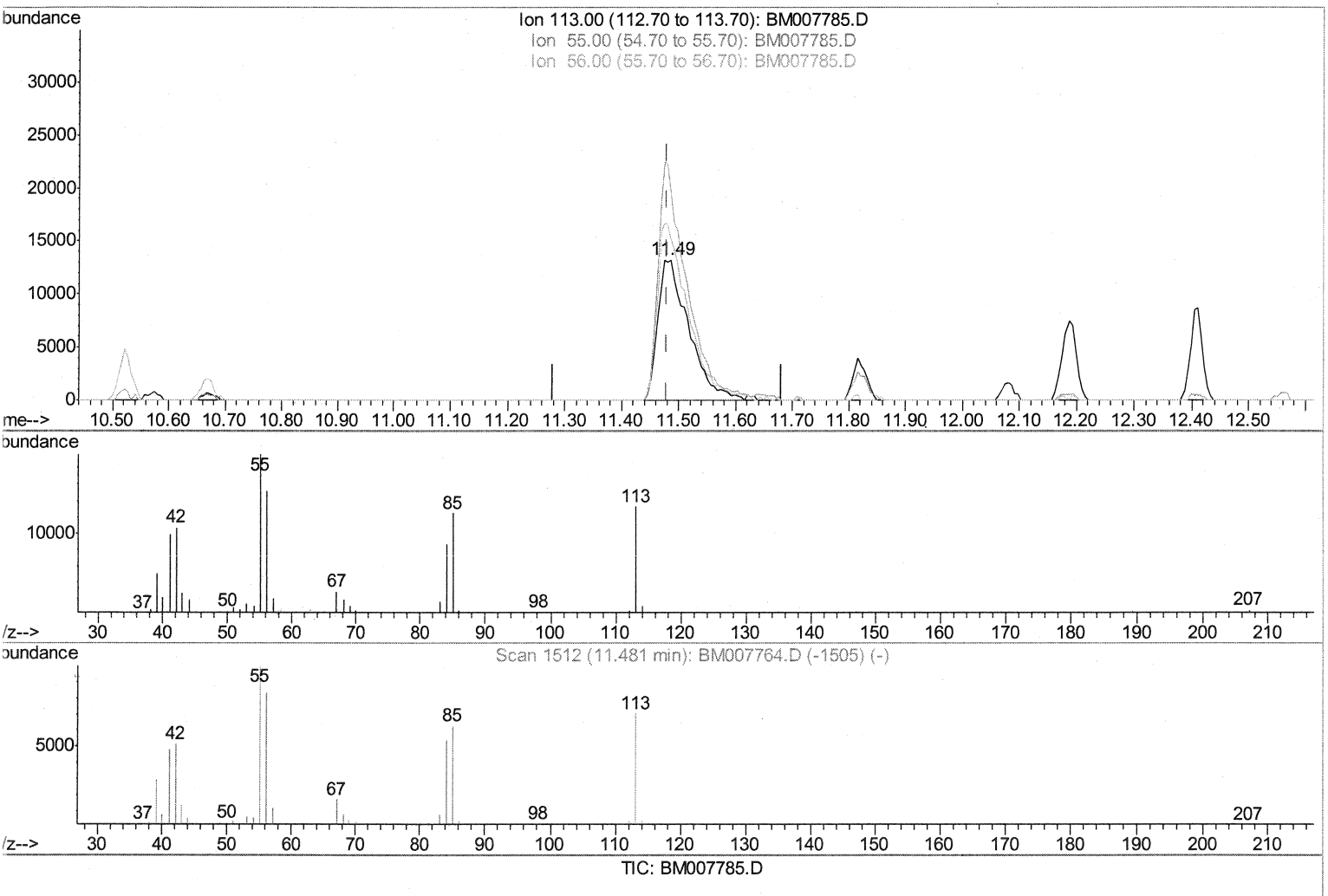
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110716\
Data File : BM007785.D
Acq On : 07 Nov 2016 23:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 02:14:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 08 02:10:44 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02039

Manual Integrations APPROVED
umangi
11/8/2016 3:15:29 PM



(32) Caprolactam

11.486min (+0.005) 19.24ng/ul m SJ 11/8/16

response 50204

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	148.20
56.00	121.70	114.58
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110716\
Data File : BM007785.D
Acq On : 07 Nov 2016 23:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 03:28:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 08 02:10:44 2016
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02039

Manual Integrations APPROVED
umangi
11/8/2016 3:15:29 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	171329	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	636845	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	405886	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	800426	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1039557	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1078659	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	32082	8.02	ng/uL	0.00
5) Phenol-d5	6.92	99	259082	19.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	156405	19.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	209678	20.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	200666	19.39	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	96766	21.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	105532	21.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	204952	21.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	245738	22.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	572555	20.72	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	697228	20.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	86353	19.76	ng/ul	0.00
57) Fluorene-d10	15.37	176	499713	20.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	86169	18.12	ng/ul	0.00
70) Anthracene-d10	17.22	188	773063	21.43	ng/ul	0.00
76) Pyrene-d10	19.52	212	877955	20.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.42	264	979545	20.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	34656	7.93	ng/uL	93
4) Benzaldehyde	6.90	77	190397	22.76	ng/ul	98
6) Phenol	6.95	94	271225	19.98	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.17	93	208908	19.98	ng/ul	98
10) 2-Chlorophenol	7.31	128	210920	20.27	ng/ul	97
11) 2-Methylphenol	8.19	108	193476	19.58	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.27	45	235566	20.32	ng/ul	99
14) Acetophenone	8.56	105	319533	19.69	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.55	70	165032	20.50	ng/ul	95
16) 4-Methylphenol	8.51	108	214229	20.12	ng/ul	96
17) Hexachloroethane	8.81	117	93749	20.39	ng/ul	99
20) Nitrobenzene	8.94	77	250824	21.28	ng/ul	96
21) Isophorone	9.46	82	424947	21.07	ng/ul	99
23) 2-Nitrophenol	9.65	139	110115	21.69	ng/ul	97
24) 2,4-Dimethylphenol	9.70	107	245257	21.18	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.95	93	259127	21.01	ng/ul	99
27) 2,4-Dichlorophenol	10.17	162	200343	21.30	ng/ul	97
28) Naphthalene	10.57	128	639846	20.65	ng/ul	99
30) 4-Chloroaniline	10.69	127	243762	22.04	ng/ul	97
31) Hexachlorobutadiene	10.85	225	162639	21.22	ng/ul	98
32) Caprolactam	11.49	113	50204m	19.24	ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	211645	21.46	ng/ul	92
34) 2-Methylnaphthalene	12.19	142	457544	20.77	ng/ul	99

SJ 11/8/16

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110716\
Data File : BM007785.D
Acq On : 07 Nov 2016 23:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02039

Manual Integrations APPROVED
umangi
11/8/2016 3:15:29 PM

Quant Time: Nov 08 03:28:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 08 02:10:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	272507	20.80	ng/ul	97
37) Hexachlorocyclopentadiene	12.53	237	118663	15.38	ng/ul	96
38) 2,4,6-Trichlorophenol	12.80	196	157213	21.57	ng/ul	98
39) 2,4,5-Trichlorophenol	12.88	196	170233	21.33	ng/ul	98
40) 1,1'-Biphenyl	13.20	154	591151	20.66	ng/ul	98
41) 2-Chloronaphthalene	13.25	162	457417	20.89	ng/ul	99
42) 2-Nitroaniline	13.46	65	127701	21.99	ng/ul	93
44) Dimethylphthalate	13.84	163	556043	20.72	ng/ul	100
45) 2,6-Dinitrotoluene	13.96	165	109023	21.60	ng/ul	90
47) Acenaphthylene	14.10	152	711707	21.10	ng/ul	98
48) 3-Nitroaniline	14.30	138	109626	21.96	ng/ul	95
49) Acenaphthene	14.44	153	483262	20.76	ng/ul	99
50) 2,4-Dinitrophenol	14.52	184	51397	16.53	ng/ul#	86
52) 4-Nitrophenol	14.61	109	81353	18.77	ng/ul	97
53) Dibenzofuran	14.78	168	697184	20.86	ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	158385	21.74	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.01	232	151347	21.26	ng/ul#	95
56) Diethylphthalate	15.20	149	553630	20.84	ng/ul	98
58) Fluorene	15.43	166	556124	20.84	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.42	204	298385	20.98	ng/ul	99
60) 4-Nitroaniline	15.46	138	100968	20.06	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.53	198	90823	18.49	ng/ul	96
64) N-Nitrosodiphenylamine	15.64	169	484627	21.18	ng/ul	98
65) 4-Bromophenyl-phenylether	16.32	248	190481	20.86	ng/ul	97
66) Hexachlorobenzene	16.43	284	209591	20.73	ng/ul	97
67) Atrazine	16.59	200	179566	20.37	ng/ul	97
68) Pentachlorophenol	16.78	266	110236	19.45	ng/ul	99
69) Phenanthrene	17.17	178	886044	20.83	ng/ul	100
71) Anthracene	17.26	178	909751	20.99	ng/ul	99
72) Carbazole	17.53	167	779903	20.79	ng/ul	100
73) Di-n-butylphthalate	18.09	149	904412	21.65	ng/ul	99
74) Fluoranthene	19.19	202	1057453	21.25	ng/ul	99
77) Pyrene	19.55	202	1108506	20.64	ng/ul	99
78) Butylbenzylphthalate	20.44	149	411892	21.56	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.23	252	391024	21.18	ng/ul	99
80) Benzo(a)anthracene	21.30	228	1156335	20.81	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.22	149	605670	21.53	ng/ul	99
82) Chrysene	21.35	228	1112488	20.84	ng/ul	99
84) Di-n-octyl phthalate	22.10	149	1081924	19.78	ng/ul	100
85) Benzo(b)fluoranthene	22.89	252	1248181	20.25	ng/ul	99
86) Benzo(k)fluoranthene	22.93	252	1174140	20.70	ng/ul	98
88) Benzo(a)pyrene	23.47	252	1200501	20.68	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.83	276	1465503	21.07	ng/ul	100
90) Dibenzo(a,h)anthracene	25.84	278	1229484	20.96	ng/ul	100
91) Benzo(g,h,i)perylene	26.53	276	1215201	20.81	ng/ul	97

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