Quantitation Report (Qedit)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM090917\
Data File : BM011485.D
Acq On : 09 Sep 2017 13:59
Operator : SJ/JU
Sample : MDL-W-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 11 08:55:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 02:59:45 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-W-07

Manual Integrations APPROVED
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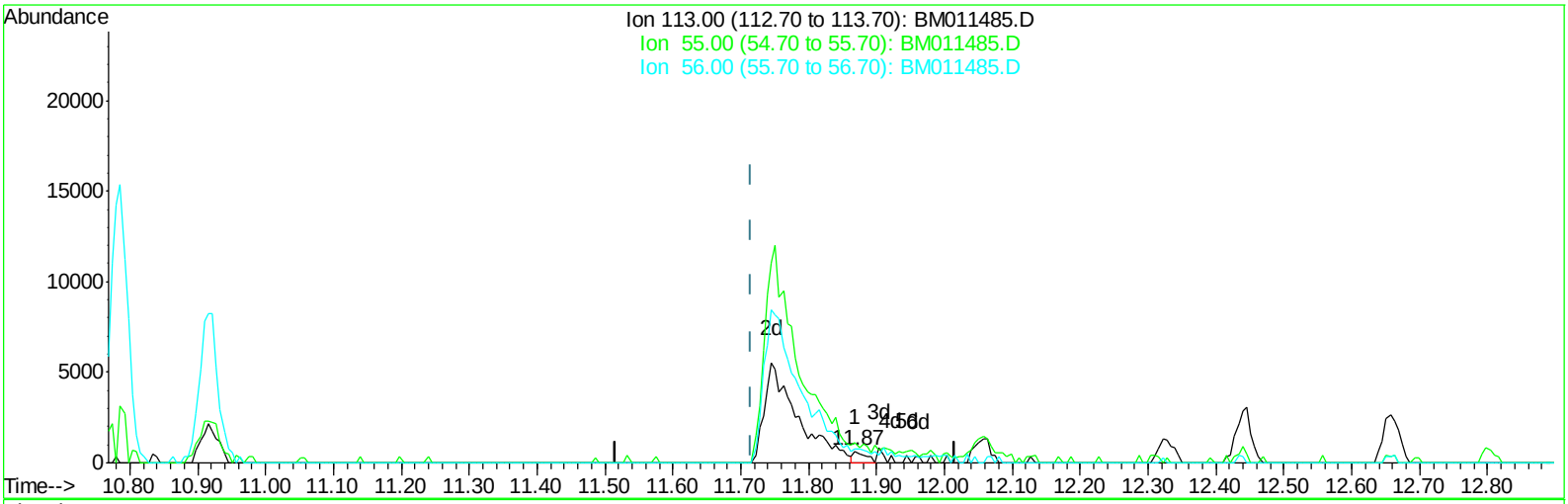
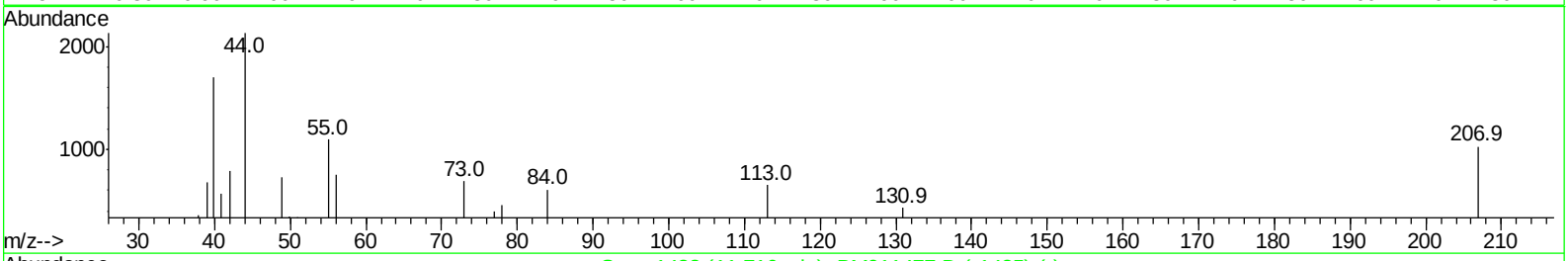
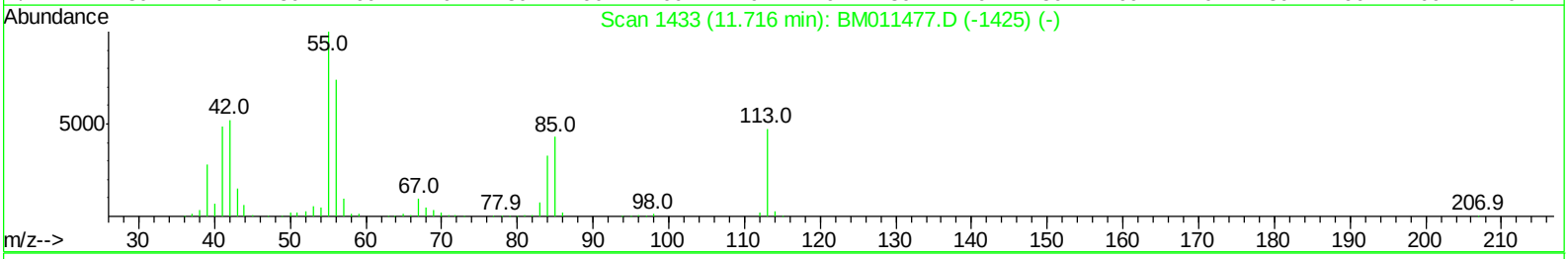
9/11/2017 2:43:44 PM







TIC: BM011485.D

(32) Caprolactam

11.869min (+0.153) 0.09ng/ul

response 798

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	167.64
56.00	115.90	115.03
0.00	0.00	0.00

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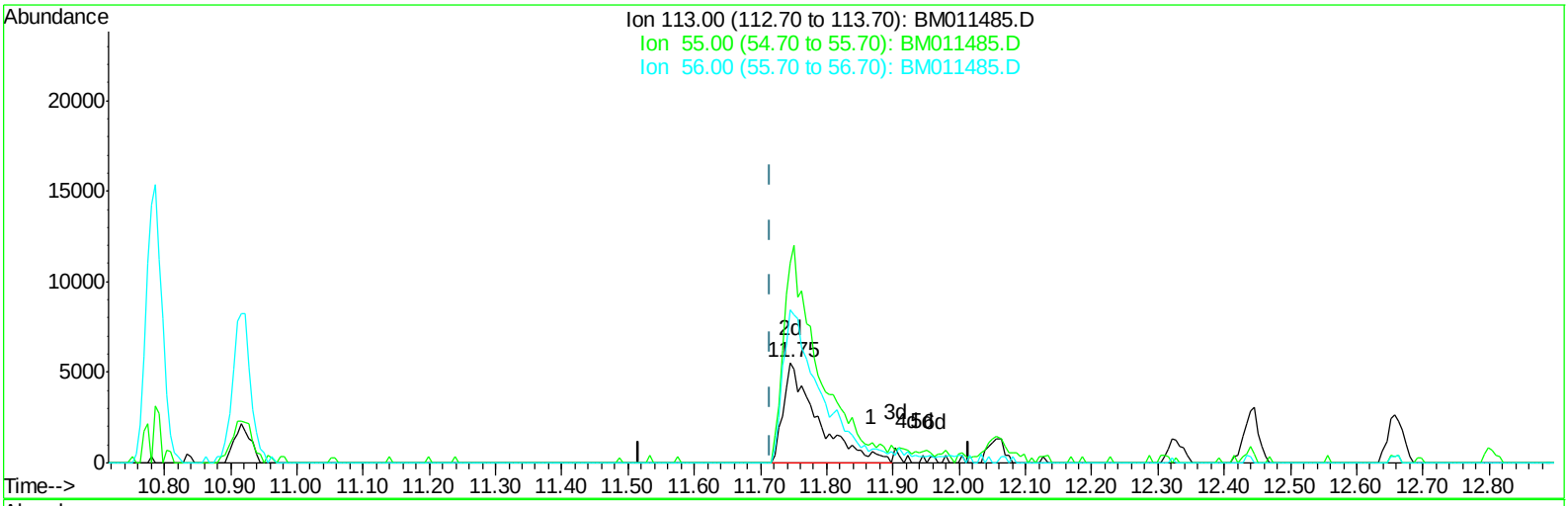

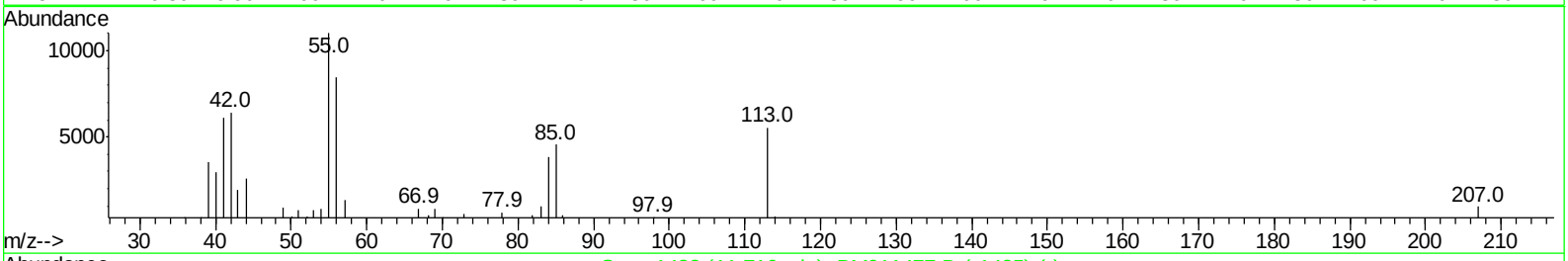

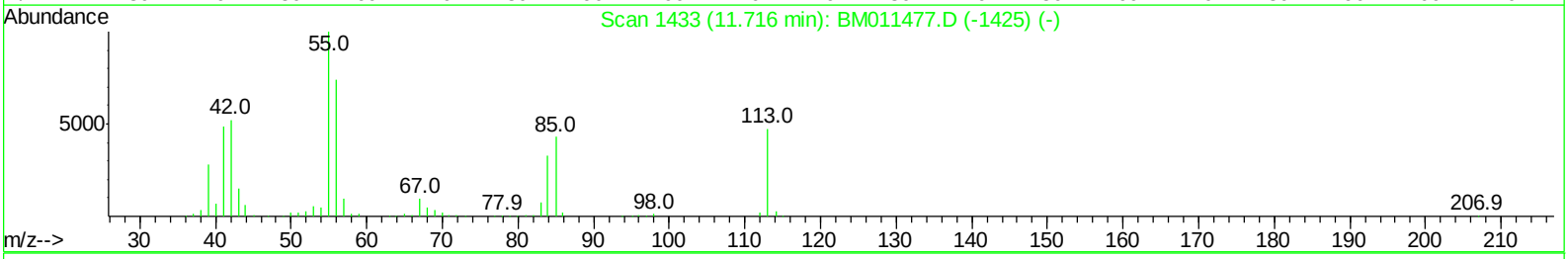

TIC: BM011485.D

(32) Caprolactam

11.745min (+0.029) 2.30ng/ul m

response 19959

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	199.03#
56.00	115.90	152.19#
0.00	0.00	0.00

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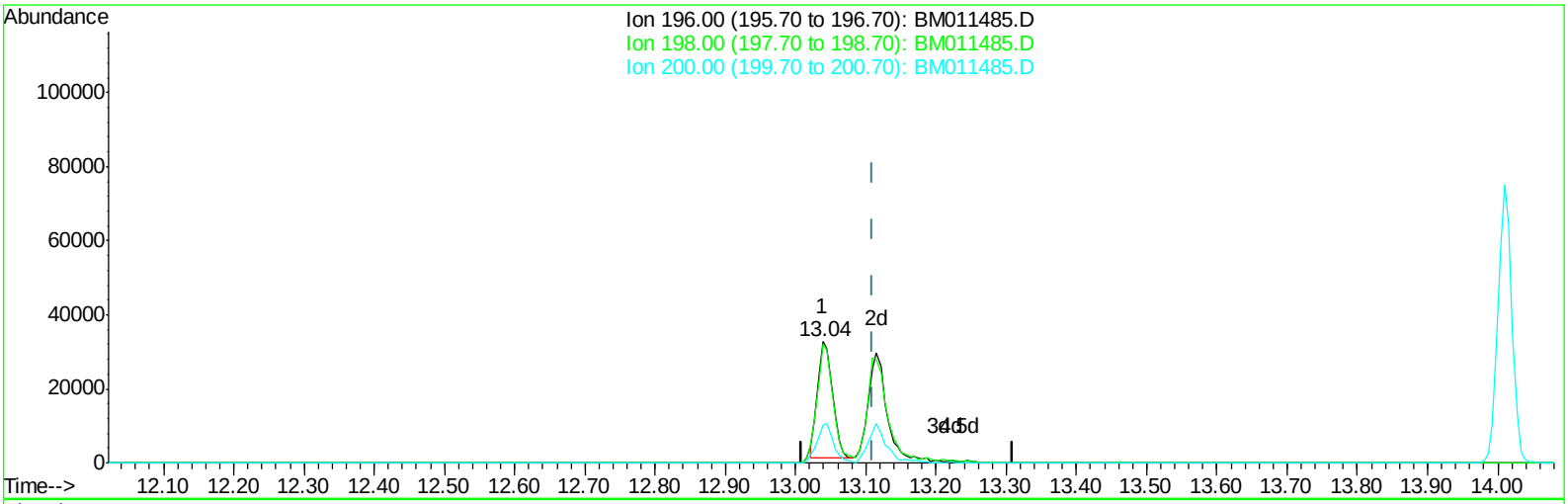

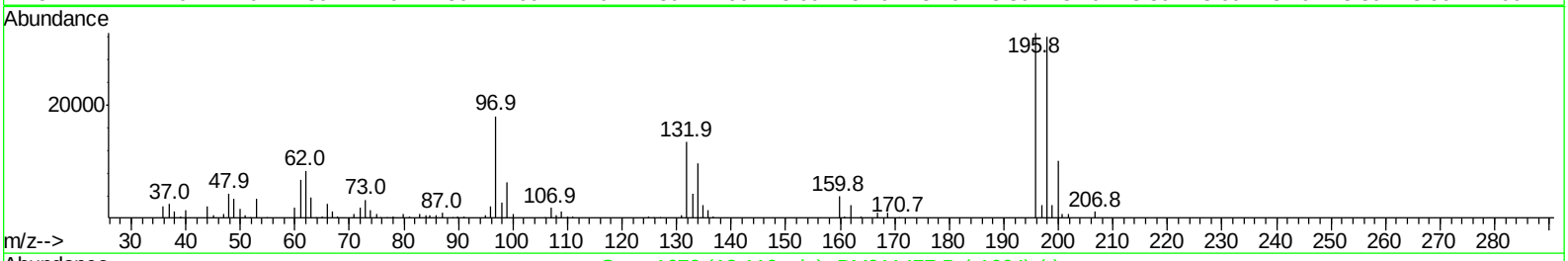

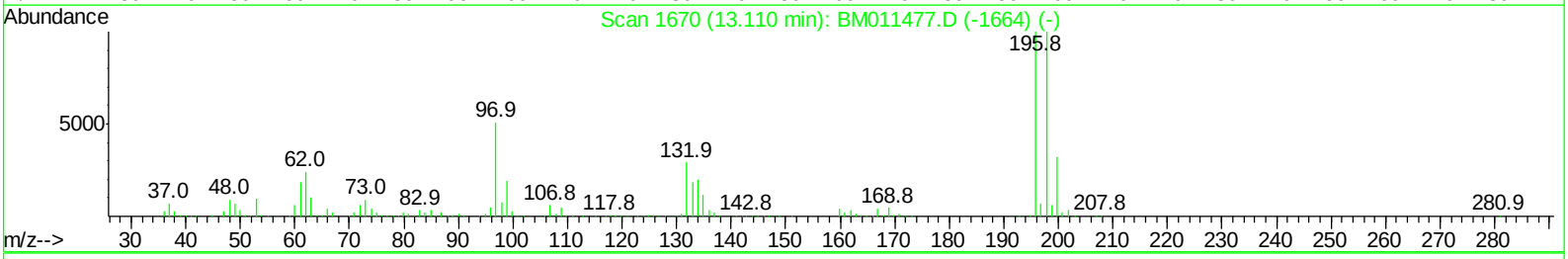

TIC: BM011485.D

(40) 2,4,5-Trichlorophenol

13.039min (-0.071) 2.06ng/ul

response 45248

Ion	Exp%	Act%
196.00	100	100
198.00	93.40	98.14
200.00	31.70	31.78
0.00	0.00	0.00

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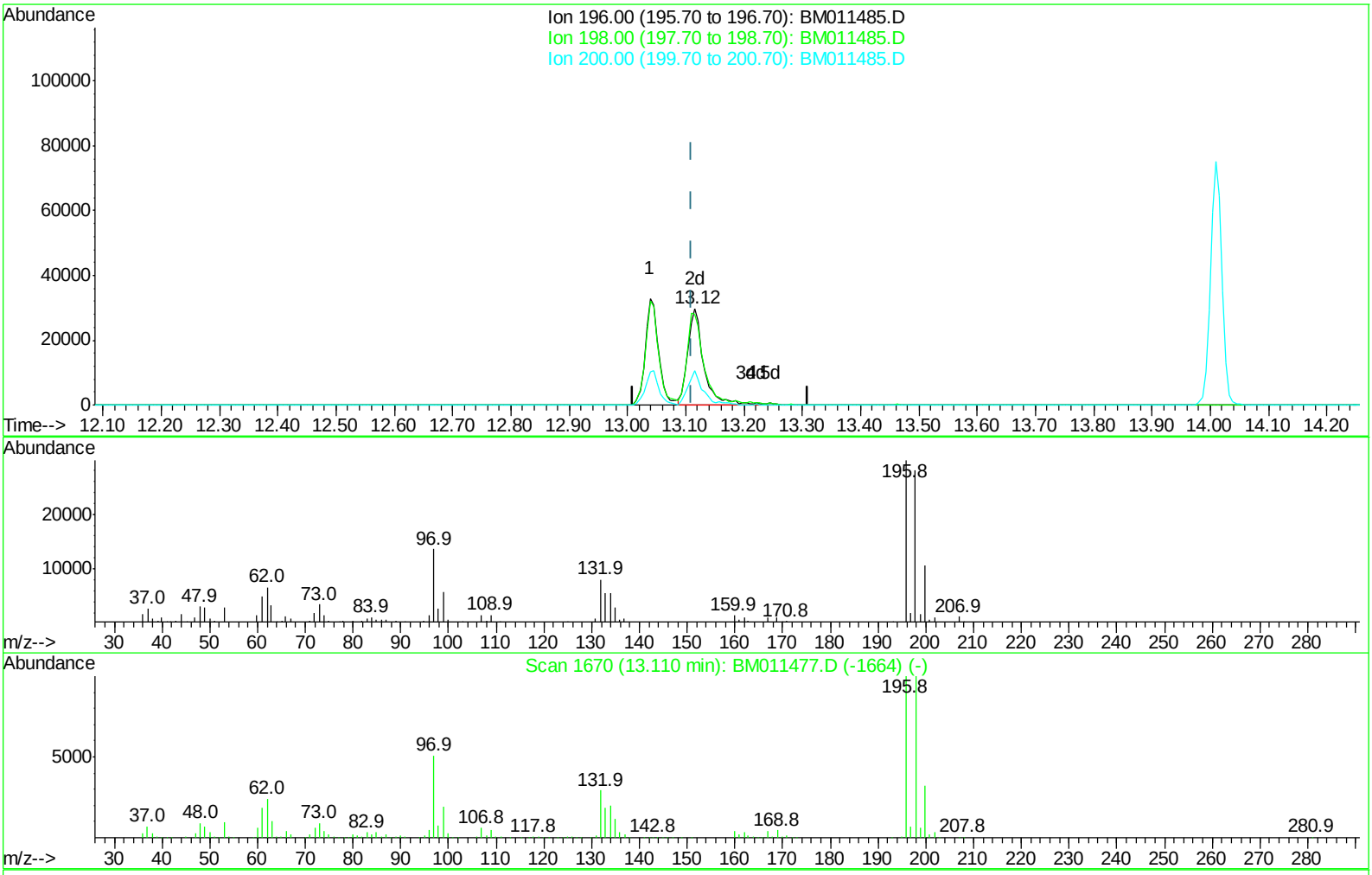

TIC: BM011485.D

(40) 2,4,5-Trichlorophenol

13.116min (+0.006) 2.65ng/ul m

response 58421

Ion	Exp%	Act%
196.00	100	100
198.00	93.40	93.94
200.00	31.70	35.67
0.00	0.00	0.00

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Operator : SJ/JU
Sample : MDL-W-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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Quant Time: Sep 11 09:16:11 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 02:59:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	401520	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	1800873	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	1074667	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2417291	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	2811251	20.00	ng/ul	0.00
86) Perylene-d12	23.88	264	2766456	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	44766	5.02	ng/uL	0.00
5) Phenol-d5	7.13	99	1063590	27.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	780691	30.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	860592	29.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	871822	28.97	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	423708	30.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	423962	29.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	827231	28.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	1215441	38.50	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	2813762	30.97	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	3420298	31.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	426287	24.97	ng/ul	0.00
58) Fluorene-d10	15.60	176	2401358	30.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	335962	23.89	ng/ul	0.00
71) Anthracene-d10	17.44	188	3722068	31.27	ng/ul	0.00
79) Pyrene-d10	19.73	212	4127107	31.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	4147094	31.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	13056	1.334	ng/uL#	77
4) Benzaldehyde	7.12	77	41274	1.873	ng/ul	98
6) Phenol	7.15	94	105138	2.747	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.39	93	89891	2.983	ng/ul#	83
10) 2-Chlorophenol	7.54	128	82839	2.923	ng/ul	97
11) 2-Methylphenol	8.42	108	72112	2.485	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.51	45	148965	3.050	ng/ul	94
14) Acetophenone	8.80	105	133523	2.902	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.78	70	69841	2.829	ng/ul#	79
16) 4-Methylphenol	8.73	108	86769	2.733	ng/ul	86
17) Hexachloroethane	9.06	117	30410	2.806	ng/ul	81
20) Nitrobenzene	9.18	77	99799	3.105	ng/ul	96
21) Isophorone	9.70	82	180293	2.786	ng/ul#	98
23) 2-Nitrophenol	9.90	139	44422	2.975	ng/ul#	92
24) 2,4-Dimethylphenol	9.95	107	91609	2.867	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.19	93	123331	2.922	ng/ul	100
27) 2,4-Dichlorophenol	10.43	162	80148	2.906	ng/ul	97
28) Naphthalene	10.84	128	285625	3.059	ng/ul	99
30) 4-Chloroaniline	10.95	127	102453	3.415	ng/ul	96
31) Hexachlorobutadiene	11.12	225	47568	3.039	ng/ul	92
32) Caprolactam	11.75	113	19959m	2.299	ng/ul	
33) 4-Chloro-3-methylphenol	12.05	107	72849	2.491	ng/ul	97
34) 2-Methylnaphthalene	12.44	142	197044	2.841	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.66	142	196518	2.975	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	95730	3.003	ng/ul#	94
38) Hexachlorocyclopentadiene	12.78	237	34719	1.943	ng/ul#	96
39) 2,4,6-Trichlorophenol	13.04	196	52608	2.424	ng/ul	97
40) 2,4,5-Trichlorophenol	13.12	196	58421m	2.655	ng/ul	
41) 1,1'-Biphenyl	13.44	154	260204	2.910	ng/ul#	94
42) 2-Chloronaphthalene	13.49	162	195734	2.909	ng/ul	99
43) 2-Nitroaniline	13.69	65	43235	2.069	ng/ul#	80
45) Dimethylphthalate	14.06	163	261953	3.011	ng/ul#	98
46) 2,6-Dinitrotoluene	14.18	165	33832	2.202	ng/ul#	88
48) Acenaphthylene	14.33	152	338106	3.057	ng/ul	98
49) 3-Nitroaniline	14.51	138	34831	1.839	ng/ul#	97
50) Acenaphthene	14.67	153	218355	2.922	ng/ul	98
51) 2,4-Dinitrophenol	14.72	184	14647	1.543	ng/ul#	83
53) 4-Nitrophenol	14.80	109	27456	2.502	ng/ul#	57
54) Dibenzofuran	15.00	168	317403	3.037	ng/ul	96
55) 2,4-Dinitrotoluene	14.96	165	55983	2.479	ng/ul#	83
56) 2,3,4,6-Tetrachlorophenol	15.23	232	48775	2.432	ng/ul#	77
57) Diethylphthalate	15.42	149	256053	2.829	ng/ul	95
59) Fluorene	15.65	166	261705	2.988	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.64	204	123276	3.003	ng/ul	95
61) 4-Nitroaniline	15.67	138	43045	2.121	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.72	198	36751	2.550	ng/ul#	78
65) N-Nitrosodiphenylamine	15.86	169	211933	2.878	ng/ul	99
66) 4-Bromophenyl-phenylether	16.53	248	68158	2.761	ng/ul	95
67) Hexachlorobenzene	16.65	284	79209	2.914	ng/ul#	88
68) Atrazine	16.80	200	62631	2.455	ng/ul	98
69) Pentachlorophenol	16.99	266	34824	1.996	ng/ul#	89
70) Phenanthrene	17.39	178	407907	3.027	ng/ul	99
72) Anthracene	17.48	178	423033	3.060	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	96427	2.994	ng/uL	98
74) Pentachlorobenzene	14.92	250	97236	2.976	ng/uL	99
75) Carbazole	17.74	167	336156	2.850	ng/ul	97
76) Di-n-butylphthalate	18.30	149	395794	2.555	ng/ul	99
77) Fluoranthene	19.39	202	434692	3.137	ng/ul#	88
80) Pyrene	19.76	202	508051	3.097	ng/ul#	85
81) Butylbenzylphthalate	20.64	149	167860	2.225	ng/ul#	96
82) 3,3'-Dichlorobenzidine	21.42	252	114220	2.237	ng/ul#	98
83) Benzo(a)anthracene	21.49	228	460455	2.975	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.40	149	255018	2.201	ng/ul#	98
85) Chrysene	21.54	228	438543	3.125	ng/ul	97
87) Di-n-octyl phthalate	22.31	149	454415	2.314	ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	444388	2.670	ng/ul#	95
89) Benzo(k)fluoranthene	23.20	252	443565	2.775	ng/ul#	96
91) Benzo(a)pyrene	23.77	252	464717	2.958	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.31	276	506879	2.933	ng/ul#	87
93) Dibenzo(a,h)anthracene	26.33	278	423293	2.889	ng/ul#	93
94) Benzo(g,h,i)perylene	27.06	276	430004	3.073	ng/ul#	91

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

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

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