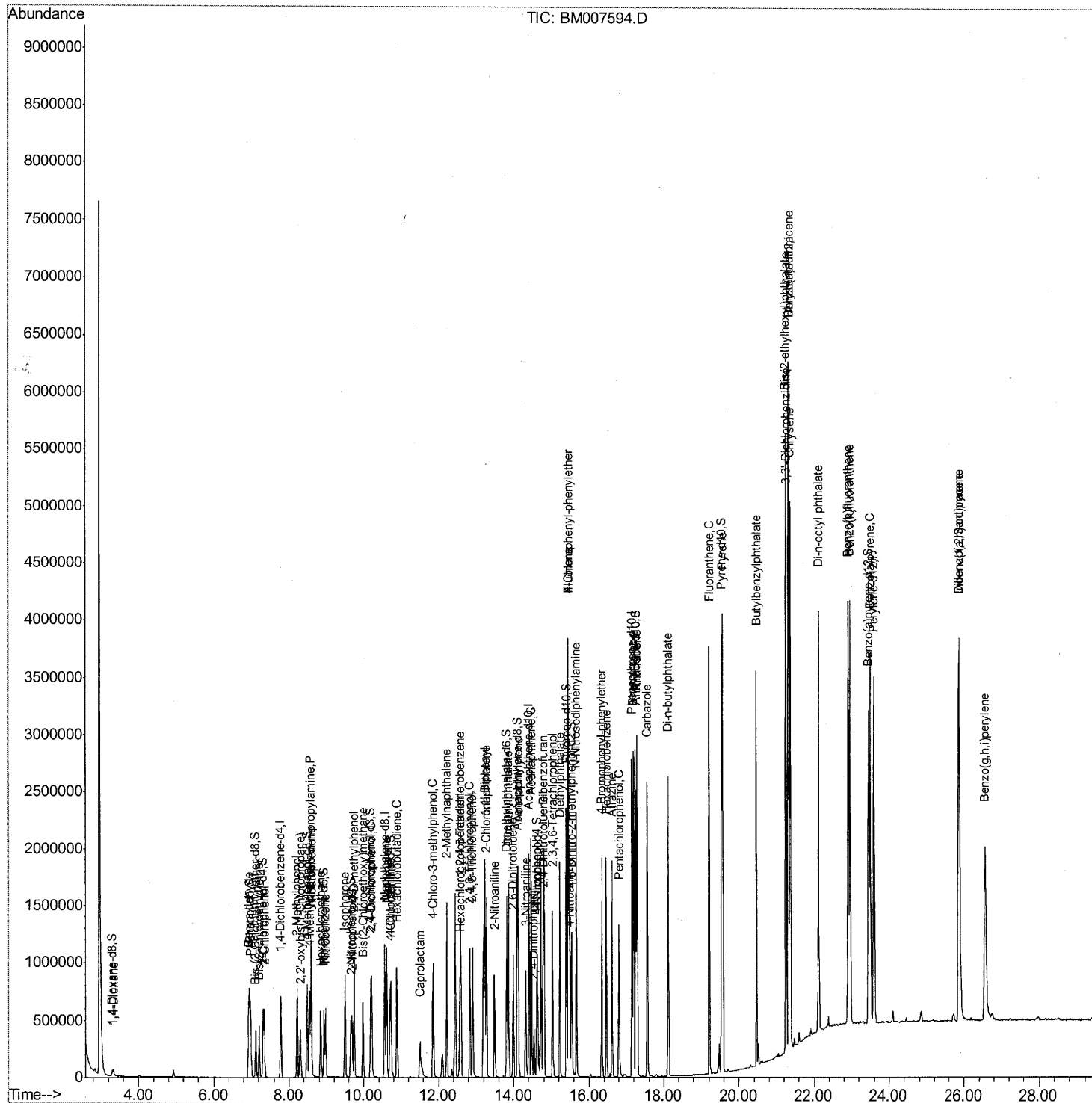


(QT Reviewed)

Instrument :
BNA_M
LabSampleId :
SSTD02057

sohil
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Quant Time: Sep 28 11:31:15 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 27 03:37:16 2016
Response via : Initial Calibration



Quantitation Report (Qedit)

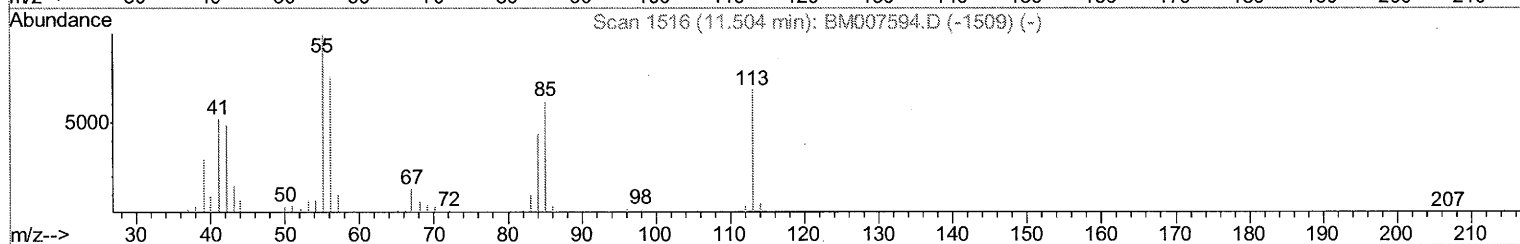
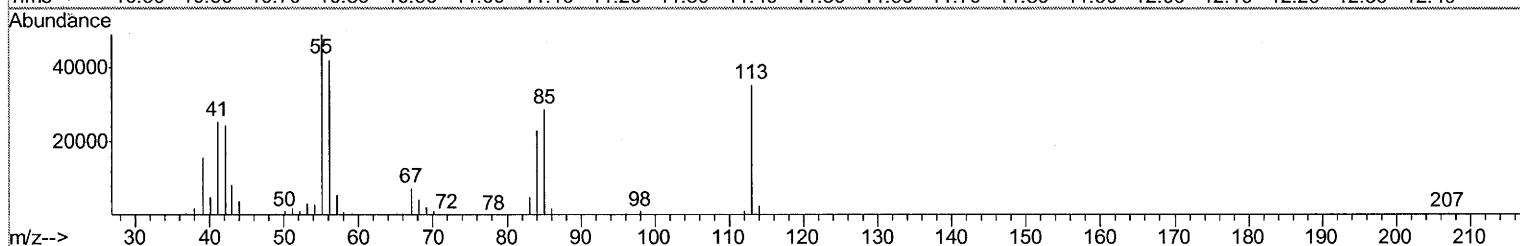
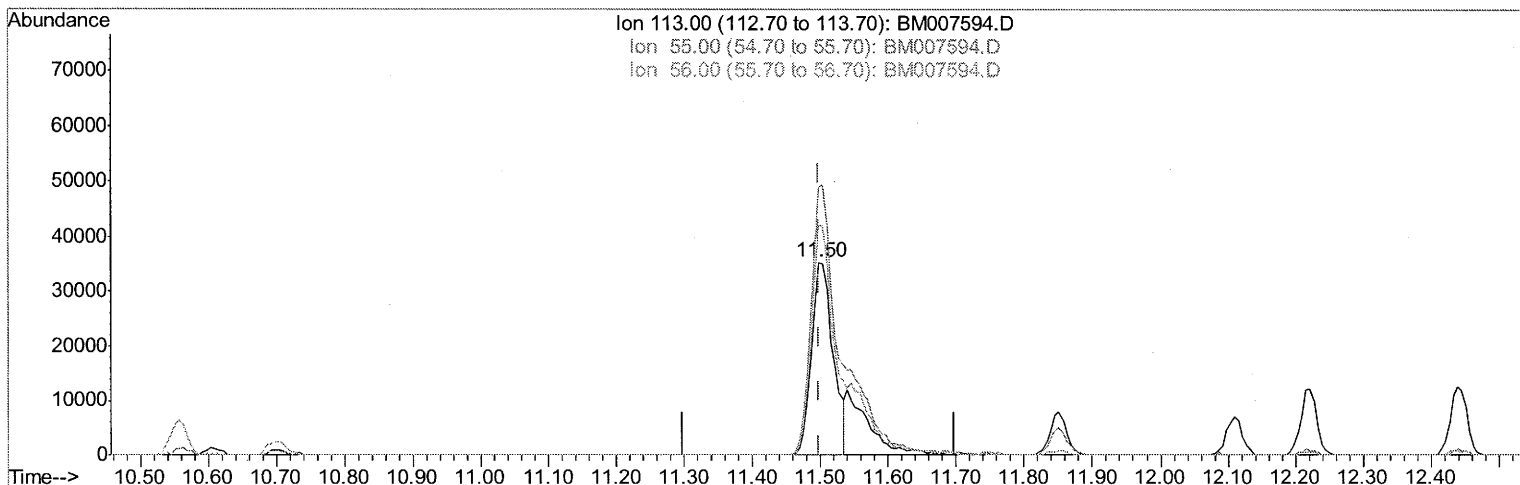
Data Path : Z:\HPCHEM1\BNA_M\Data\BM092816\
Data File : BM007594.D
Acq On : 28 Sep 2016 09:20
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02057

Manual Integrations
APPROVED

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Quant Time: Sep 28 11:13:17 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 27 03:37:16 2016
Response via : Initial Calibration



TIC: BM007594.D

(32) Caprolactam

11.498min (-0.000) 14.59ng/ul

response 77612

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	138.63
56.00	121.70	119.27
0.00	0.00	0.00

Quantitation Report (Qedit)

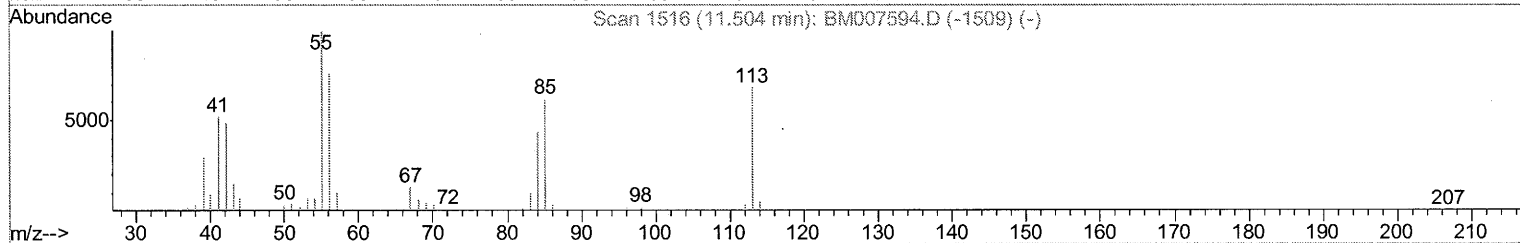
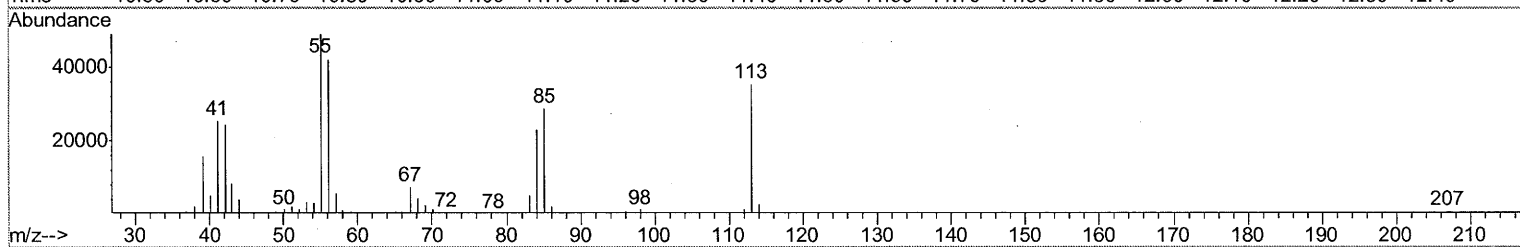
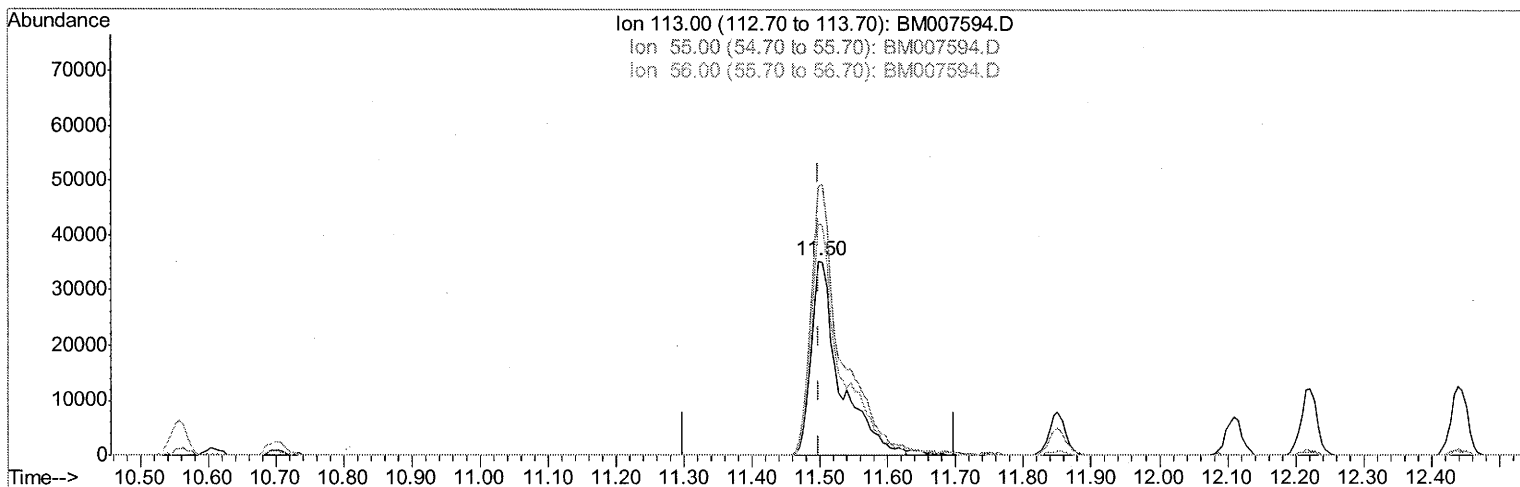
Data Path : Z:\HPCHEM1\BNA_M\Data\BM092816\
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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02057

Manual Integrations
APPROVED

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Response via : Initial Calibration



TIC: BM007594.D

(32) Caprolactam

11.498min (-0.000) 19.62ng/ul m

response 104376

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	138.63
56.00	121.70	119.27
0.00	0.00	0.00

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09/29/16

Data Path : Z:\HPCHEM1\BNA_M\Data\BM092816\
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02057

Manual Integrations
 APPROVED

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Quant Time: Sep 28 11:31:15 2016
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 27 03:37:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	190512	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	911698	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	712642	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1651760	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	2334708	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	2300561	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	30769	7.94	ng/uL	0.00
5) Phenol-d5	6.95	99	341907	20.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	192235	21.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	255233	20.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	290205	20.11	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	133485	20.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	150470	20.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	307650	20.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	362967	23.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1060170	20.45	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1246693	20.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	172643	18.87	ng/ul	0.00
57) Fluorene-d10	15.40	176	927099	20.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	190823	18.93	ng/ul	0.00
70) Anthracene-d10	17.25	188	1568530	20.67	ng/ul	0.00
76) Pyrene-d10	19.54	212	1975536	21.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	2104124	20.67	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	32511	8.00	ng/uL	95
4) Benzaldehyde	6.93	77	237267	20.92	ng/ul	99
6) Phenol	6.97	94	350692	20.44	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.20	93	256196	20.85	ng/ul	98
10) 2-Chlorophenol	7.35	128	259933	21.11	ng/ul	99
11) 2-Methylphenol	8.22	108	266778	20.17	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.31	45	285649	21.37	ng/ul	98
14) Acetophenone	8.60	105	453703	20.64	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.58	70	234692	21.03	ng/ul	92
16) 4-Methylphenol	8.55	108	299574	20.24	ng/ul	98
17) Hexachloroethane	8.85	117	102073	20.26	ng/ul	97
20) Nitrobenzene	8.97	77	351450	21.04	ng/ul	97
21) Isophorone	9.49	82	659559	20.64	ng/ul	98
23) 2-Nitrophenol	9.68	139	159242	20.67	ng/ul	93
24) 2,4-Dimethylphenol	9.74	107	365121	20.48	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.97	93	373119	20.46	ng/ul	98
27) 2,4-Dichlorophenol	10.21	162	296763	20.41	ng/ul	98
28) Naphthalene	10.61	128	899510	20.42	ng/ul	99
30) 4-Chloroaniline	10.72	127	365917	22.57	ng/ul	98
31) Hexachlorobutadiene	10.89	225	204023	19.21	ng/ul	98
32) Caprolactam	11.50	113	104376m	19.62	ng/ul	98
33) 4-Chloro-3-methylphenol	11.85	107	370093	20.91	ng/ul	93
34) 2-Methylnaphthalene	12.22	142	711981	20.60	ng/ul	100

UM
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Data Path : Z:\HPCHEM1\BNA_M\Data\BM092816\
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Instrument :
 BNA_M
 LabSampled :
 SSTD02057

Manual Integrations
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 9/29/2016 6:55:25 PM

Quant Time: Sep 28 11:31:15 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 27 03:37:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	426839	20.31	ng/ul	97
37) Hexachlorocyclopentadiene	12.57	237	189938	16.83	ng/ul	99
38) 2,4,6-Trichlorophenol	12.84	196	276722	20.64	ng/ul	99
39) 2,4,5-Trichlorophenol	12.91	196	312437	21.30	ng/ul	96
40) 1,1'-Biphenyl	13.24	154	979585	20.70	ng/ul	98
41) 2-Chloronaphthalene	13.28	162	763081	20.73	ng/ul	98
42) 2-Nitroaniline	13.49	65	246991	21.83	ng/ul	97
44) Dimethylphthalate	13.87	163	1010967	20.11	ng/ul	100
45) 2,6-Dinitrotoluene	13.99	165	209831	21.04	ng/ul	93
47) Acenaphthylene	14.13	152	1240337	20.77	ng/ul	99
48) 3-Nitroaniline	14.32	138	213783	21.09	ng/ul	94
49) Acenaphthene	14.47	153	842649	20.52	ng/ul	98
50) 2,4-Dinitrophenol	14.53	184	109219	16.40	ng/ul#	86
52) 4-Nitrophenol	14.63	109	174650	18.34	ng/ul	94
53) Dibenzofuran	14.81	168	1239588	20.46	ng/ul	98
54) 2,4-Dinitrotoluene	14.78	165	319635	20.78	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.03	232	298148	20.54	ng/ul	95
56) Diethylphthalate	15.23	149	1048554	20.44	ng/ul	100
58) Fluorene	15.46	166	1013936	20.28	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.45	204	532150	20.22	ng/ul	97
60) 4-Nitroaniline	15.49	138	227611	20.42	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.54	198	197195	19.06	ng/ul	99
64) N-Nitrosodiphenylamine	15.67	169	920868	20.63	ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	367094	20.39	ng/ul	98
66) Hexachlorobenzene	16.46	284	407164	20.08	ng/ul	98
67) Atrazine	16.62	200	372464	20.05	ng/ul	99
68) Pentachlorophenol	16.80	266	246139	19.38	ng/ul	97
69) Phenanthrene	17.19	178	1784833	20.40	ng/ul	99
71) Anthracene	17.29	178	1827214	20.58	ng/ul	99
72) Carbazole	17.56	167	1667605	21.13	ng/ul	100
73) Di-n-butylphthalate	18.12	149	1847471	20.70	ng/ul	100
74) Fluoranthene	19.21	202	2348143	21.29	ng/ul	99
77) Pyrene	19.57	202	2451234	21.40	ng/ul	98
78) Butylbenzylphthalate	20.47	149	952596	21.67	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.26	252	859498	20.04	ng/ul	99
80) Benzo(a)anthracene	21.32	228	2628697	20.61	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.24	149	1384798	21.84	ng/ul	100
82) Chrysene	21.37	228	2503827	20.55	ng/ul	99
84) Di-n-octyl phthalate	22.13	149	2524395	22.72	ng/ul	98
85) Benzo(b)fluoranthene	22.91	252	2754378	21.34	ng/ul	100
86) Benzo(k)fluoranthene	22.96	252	2597724	20.92	ng/ul	99
88) Benzo(a)pyrene	23.50	252	2562012	20.68	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.88	276	2686111	19.63	ng/ul	99
90) Dibenzo(a,h)anthracene	25.89	278	2174174	19.30	ng/ul	99
91) Benzo(g,h,i)perylene	26.58	276	2250324	19.61	ng/ul	97

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