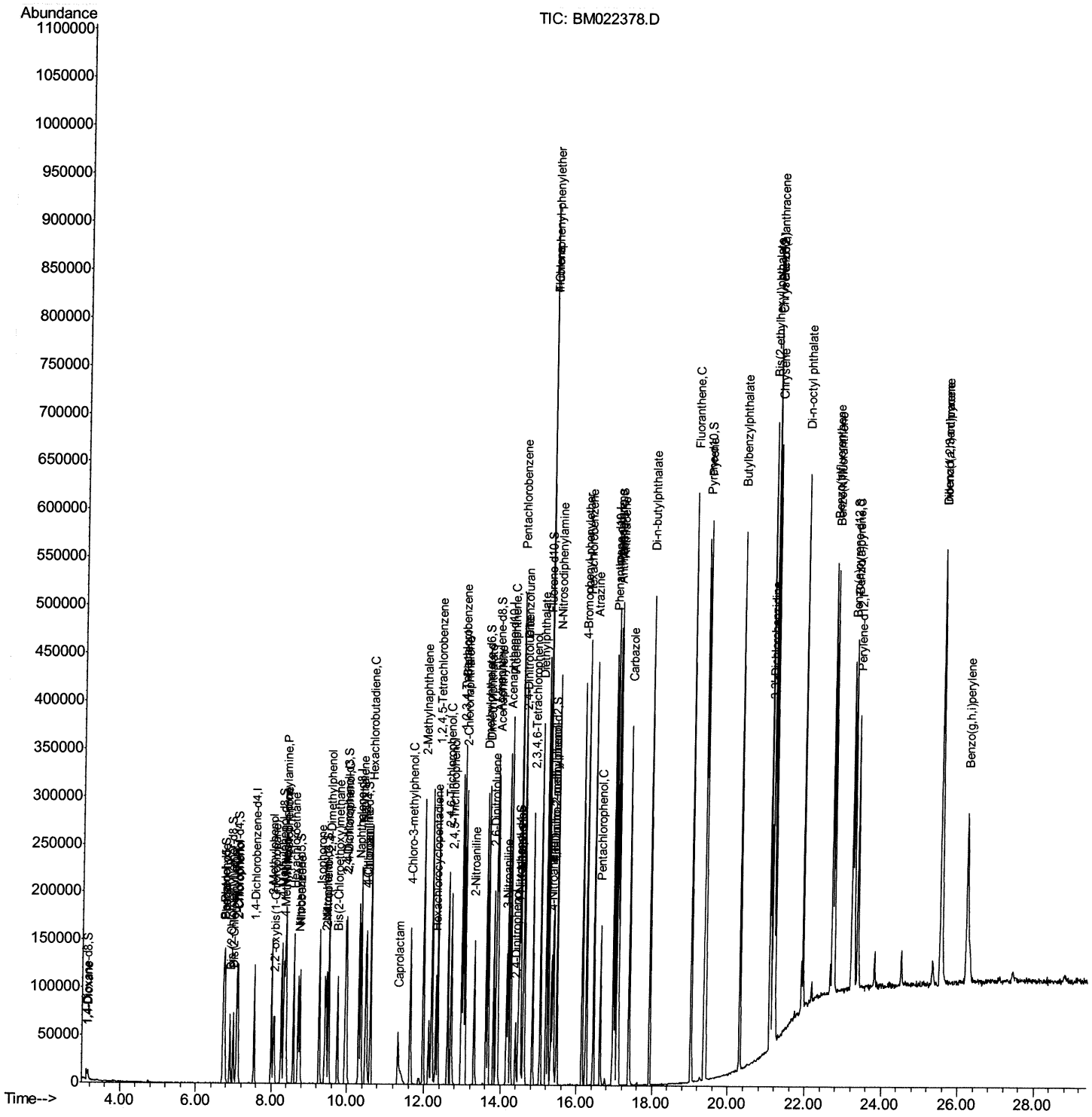
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022378.D
Acq On : 27 Aug 2019 22:02
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Aug 28 02:32:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 17:04:34 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02059

Manual Integrations APPROVED
mohammad
8/28/2019 11:33:00 PM



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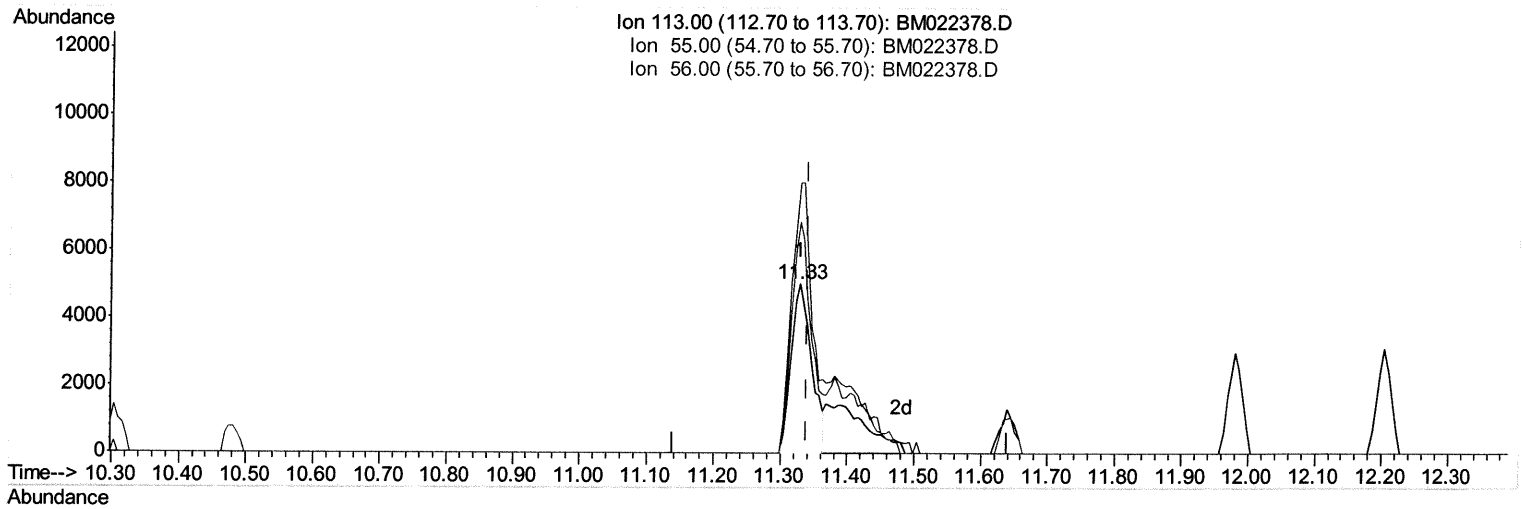
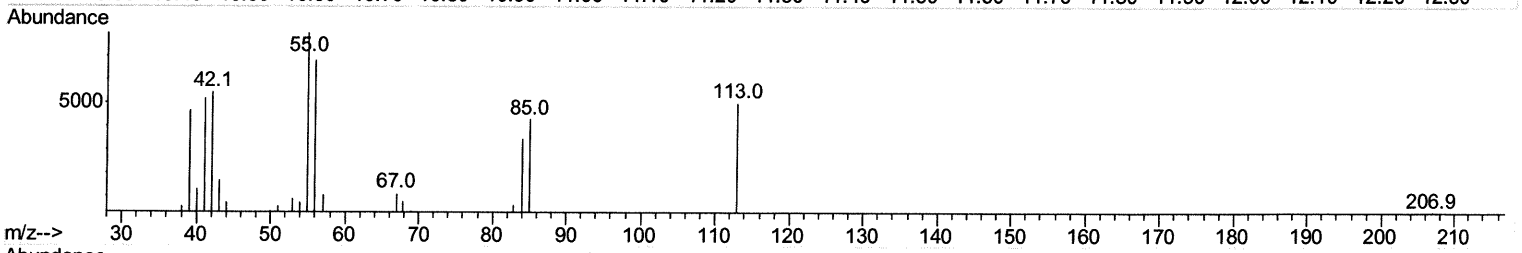
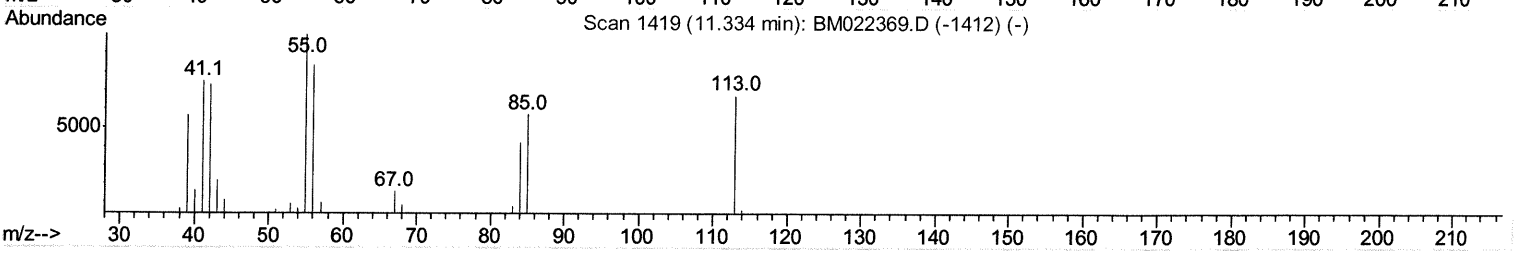




Scan 1419 (11.334 min): BM022369.D (-1412) (-)



TIC: BM022378.D

(32) Caprolactam

11.327min (-0.012) 14.50ng/ul

response 10562

Ion	Exp%	Act%
113.00	100	100
55.00	139.50	159.72
56.00	130.80	136.18
0.00	0.00	0.00

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LabSampleId :
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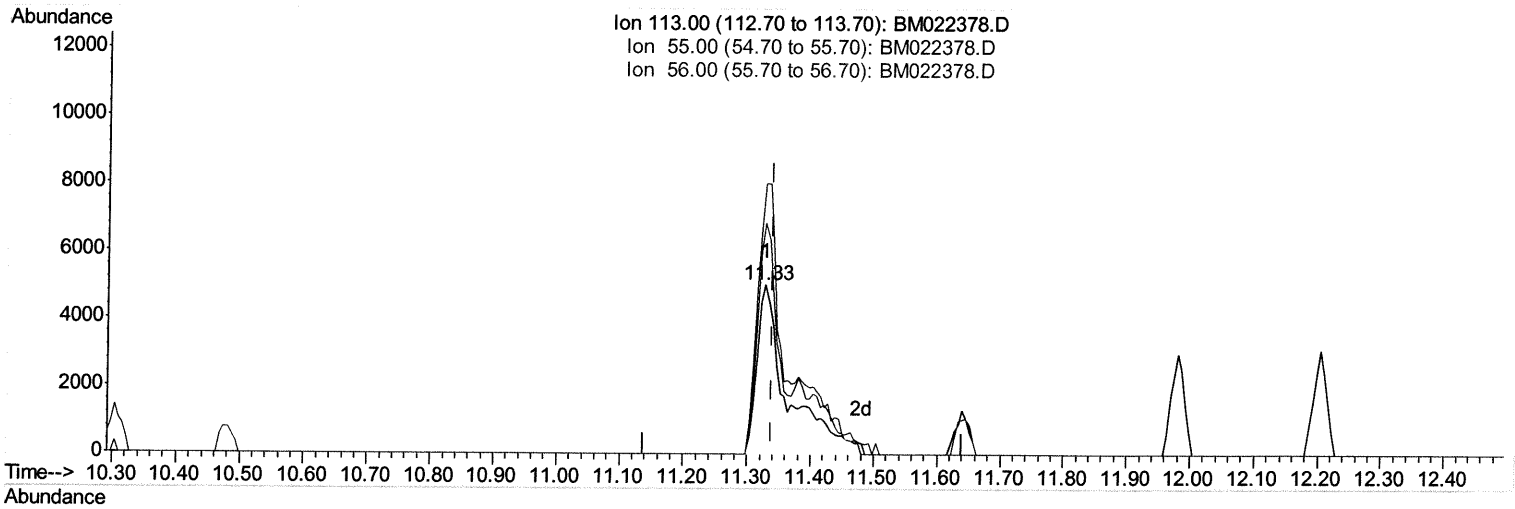
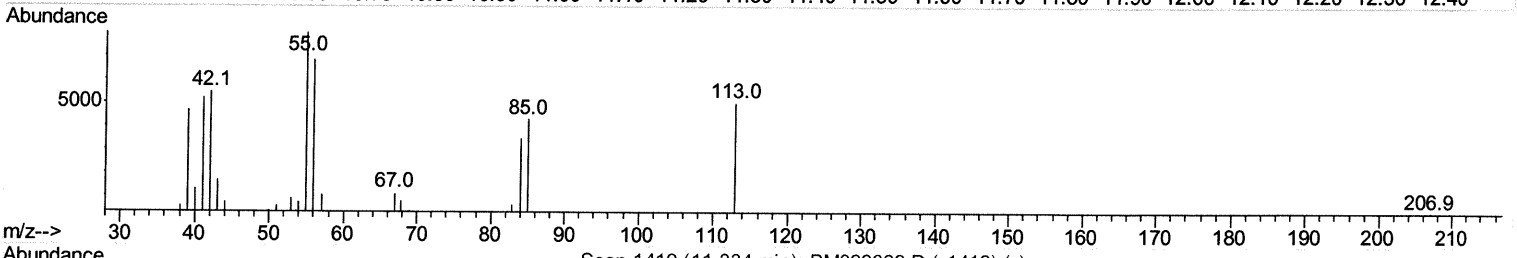
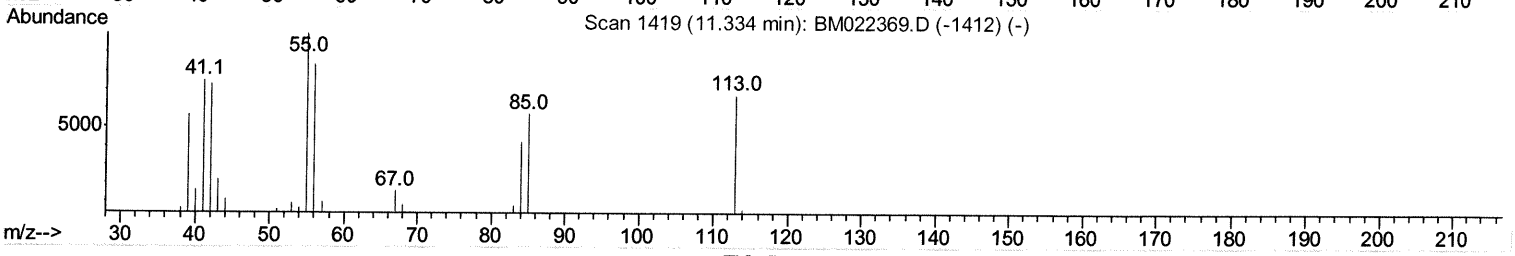
Manual Integrations APPROVED
mohammad
8/28/2019 11:33:00 PM





Scan 1419 (11.334 min): BM022369.D (-1412) (-)



TIC: BM022378.D

(32) Caprolactam

11.327min (-0.012) 23.06ng/ul m JU 08/28/19

response 16800

Ion	Exp%	Act%
113.00	100	100
55.00	139.50	159.72
56.00	130.80	136.18
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	28497	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.30	136	131131	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.19	164	99286	20.00	ng/ul	-0.02
61) Phenanthrene-d10	16.96	188	231094	20.00	ng/ul	-0.02
77) Chrysene-d12	21.17	240	213879	20.00	ng/ul	-0.01
85) Perylene-d12	23.36	264	203903	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	5520	8.67	ng/uL	0.00
5) Phenol-d5	6.73	99	49758	20.23	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.90	67	29075	20.32	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.07	132	42749	21.53	ng/ul	-0.01
13) 4-Methylphenol-d8	8.26	113	44810	21.02	ng/ul	-0.01
19) Nitrobenzene-d5	8.70	128	20747	21.22	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.42	143	25283	22.22	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.95	165	53852	23.25	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.48	131	61829	21.94	ng/ul	-0.01
43) Dimethylphthalate-d6	13.62	166	174036	19.90	ng/ul	-0.01
46) Acenaphthylene-d8	13.89	160	205013	21.77	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.46	143	15978	12.34	ng/ul	0.00
57) Fluorene-d10	15.20	176	149615	20.63	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.37	200	29068	16.30	ng/ul	-0.01
70) Anthracene-d10	17.06	188	257921	21.08	ng/ul	-0.02
78) Pyrene-d10	19.37	212	302703	27.23	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.22	264	222883	19.90	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	5566	8.154	ng/uL	95
4) Benzaldehyde	6.72	77	37139	26.234	ng/ul	94
6) Phenol	6.76	94	51540	19.571	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.99	93	37226	19.416	ng/ul	90
10) 2-Chlorophenol	7.10	128	42509	20.622	ng/ul	95
11) 2-Methylphenol	7.99	108	40449	19.504	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.06	45	49524	19.821	ng/ul	96
14) Acetophenone	8.37	105	73082	19.832	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.35	70	36861	19.762	ng/ul	98
16) 4-Methylphenol	8.32	108	44625	19.571	ng/ul	99
17) Hexachloroethane	8.58	117	22190	21.956	ng/ul	97
20) Nitrobenzene	8.75	77	60112	20.877	ng/ul	96
21) Isophorone	9.27	82	101730	19.386	ng/ul#	97
23) 2-Nitrophenol	9.45	139	26780	21.425	ng/ul	92
24) 2,4-Dimethylphenol	9.51	107	61332	20.923	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.75	93	56017	19.772	ng/ul#	98
27) 2,4-Dichlorophenol	9.97	162	51939	22.128	ng/ul	99
28) Naphthalene	10.36	128	149076	20.600	ng/ul	99
30) 4-Chloroaniline	10.50	127	59969	20.449	ng/ul	98
31) Hexachlorobutadiene	10.61	225	53065	23.572	ng/ul	98
32) Caprolactam	11.33	113	16800m →	23.063	ng/ul	99
33) 4-Chloro-3-methylphenol	11.64	107	54221	20.924	ng/ul	99
34) 2-Methylnaphthalene	11.98	142	114408	20.519	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.36	216	91609	22.310 ng/ul	98
37) Hexachlorocyclopentadiene	12.30	237	29868	15.677 ng/ul	96
38) 2,4,6-Trichlorophenol	12.62	196	51074	22.150 ng/ul	98
39) 2,4,5-Trichlorophenol	12.70	196	51053	20.243 ng/ul	97
40) 1,1'-Biphenyl	13.02	154	156900	19.418 ng/ul	97
41) 2-Chloronaphthalene	13.06	162	128452	20.396 ng/ul	96
42) 2-Nitroaniline	13.30	65	39709	20.633 ng/ul	96
44) Dimethylphthalate	13.67	163	172581	19.398 ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	33819	19.795 ng/ul	97
47) Acenaphthylene	13.92	152	188349	19.287 ng/ul	99
48) 3-Nitroaniline	14.15	138	30629	21.059 ng/ul	89
49) Acenaphthene	14.26	153	136843	19.737 ng/ul	99
50) 2,4-Dinitrophenol	14.39	184	14851	14.536 ng/ul	99
52) 4-Nitrophenol	14.48	109	49136	22.828 ng/ul	96
53) Dibenzofuran	14.60	168	203621	19.718 ng/ul	100
54) 2,4-Dinitrotoluene	14.62	165	51435	19.477 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.84	232	54031	21.129 ng/ul	92
56) Diethylphthalate	15.04	149	182885	19.166 ng/ul	97
58) Fluorene	15.26	166	171465	19.714 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.25	204	113392	21.294 ng/ul	100
60) 4-Nitroaniline	15.33	138	29697	19.677 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.39	198	28670	14.985 ng/ul	96
64) N-Nitrosodiphenylamine	15.48	169	142258	19.755 ng/ul	98
65) 4-Bromophenyl-phenylether	16.15	248	72432	21.896 ng/ul	93
66) Hexachlorobenzene	16.25	284	78606	21.326 ng/ul	97
67) Atrazine	16.44	200	83790	22.341 ng/ul	97
68) Pentachlorophenol	16.62	266	32939	14.794 ng/ul	96
69) Phenanthrene	17.00	178	273416	19.777 ng/ul	99
71) Anthracene	17.09	178	283466	19.704 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.97	216	90147	21.931 ng/uL	97
73) Pentachlorobenzene	14.51	250	102274	22.936 ng/uL	99
74) Carbazole	17.39	167	221250	17.027 ng/ul	100
75) Di-n-butylphthalate	17.93	149	315087	18.982 ng/ul	99
76) Fluoranthene	19.03	202	351759	16.884 ng/ul	97
79) Pyrene	19.40	202	348179	25.151 ng/ul#	95
80) Butylbenzylphthalate	20.30	149	138632	23.661 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.10	252	98235	17.656 ng/ul	98
82) Benzo(a)anthracene	21.16	228	328930	20.434 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.07	149	201241	22.826 ng/ul#	97
84) Chrysene	21.21	228	302576	20.103 ng/ul	100
86) Di-n-octyl phthalate	21.94	149	300935	19.914 ng/ul	100
87) Benzo(b)fluoranthene	22.70	252	285168	20.105 ng/ul	98
88) Benzo(k)fluoranthene	22.75	252	277614	20.183 ng/ul	97
90) Benzo(a)pyrene	23.26	252	264837	19.589 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.54	276	315932	20.124 ng/ul	97
92) Dibenzo(a,h)anthracene	25.55	278	263797	19.792 ng/ul#	97
93) Benzo(g,h,i)perylene	26.21	276	254894	21.282 ng/ul	99

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