Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082619\
Data File : BM022369.D
Acq On : 27 Aug 2019 16:32
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Aug 27 19:15:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 12:44:18 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02058

Manual Integrations APPROVED
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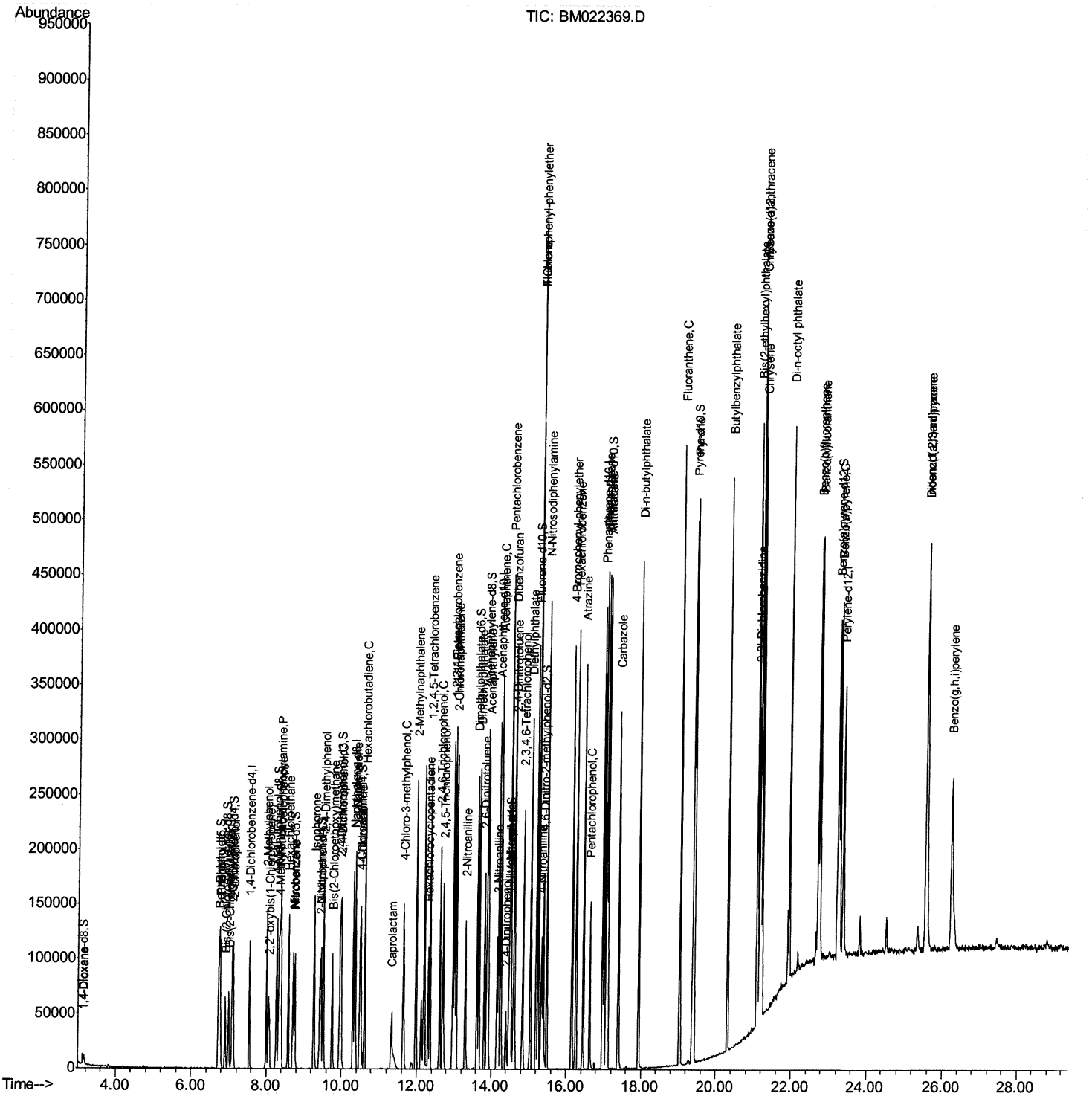
8/28/2019 11:32:30 PM



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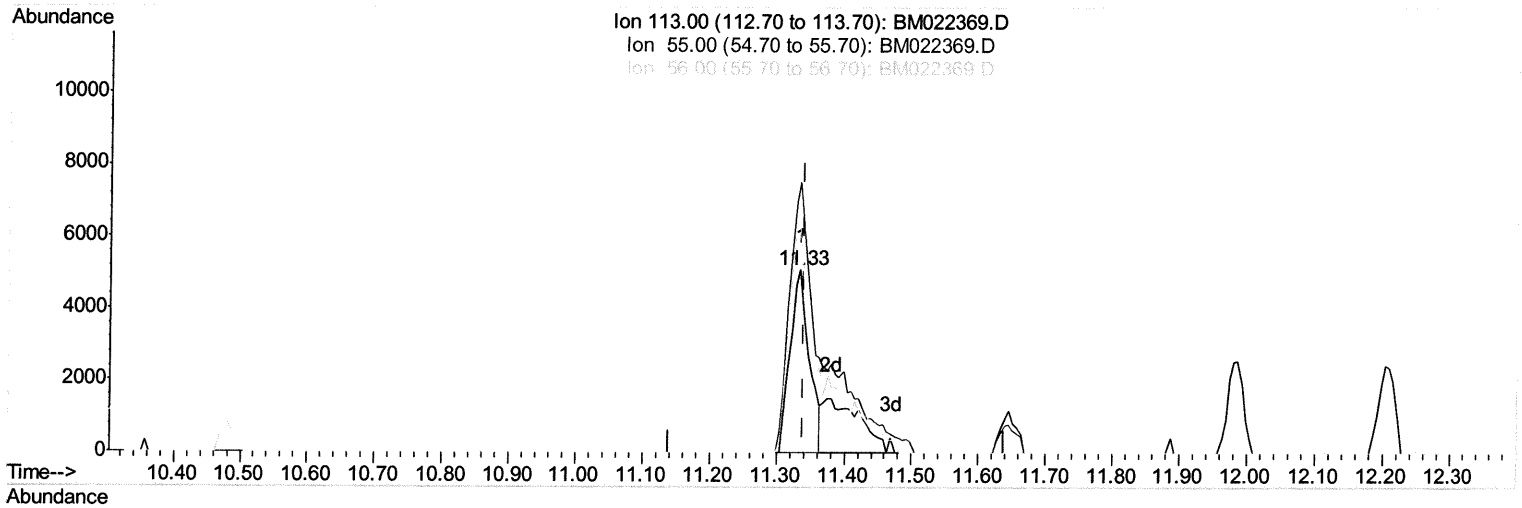

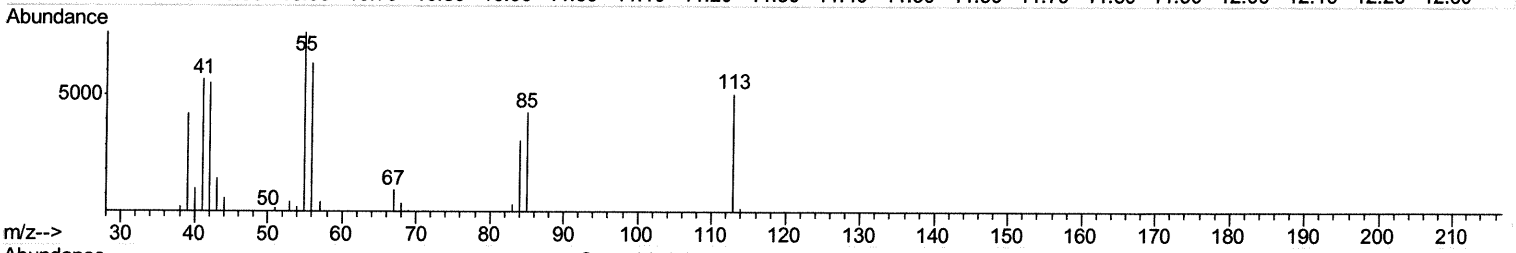

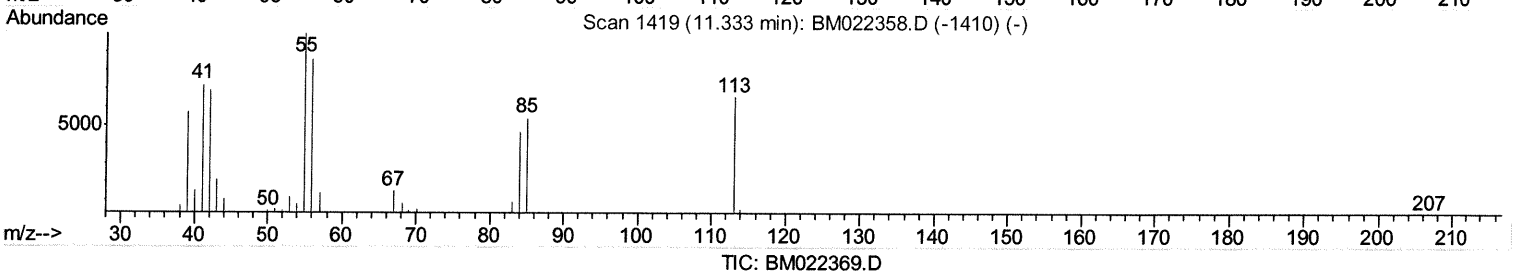

TIC: BM022369.D

(32) Caprolactam

11.334min (-0.006) 14.54ng/ul

response 9922

Ion	Exp%	Act%
113.00	100	100
55.00	139.50	147.97
56.00	130.80	123.42
0.00	0.00	0.00

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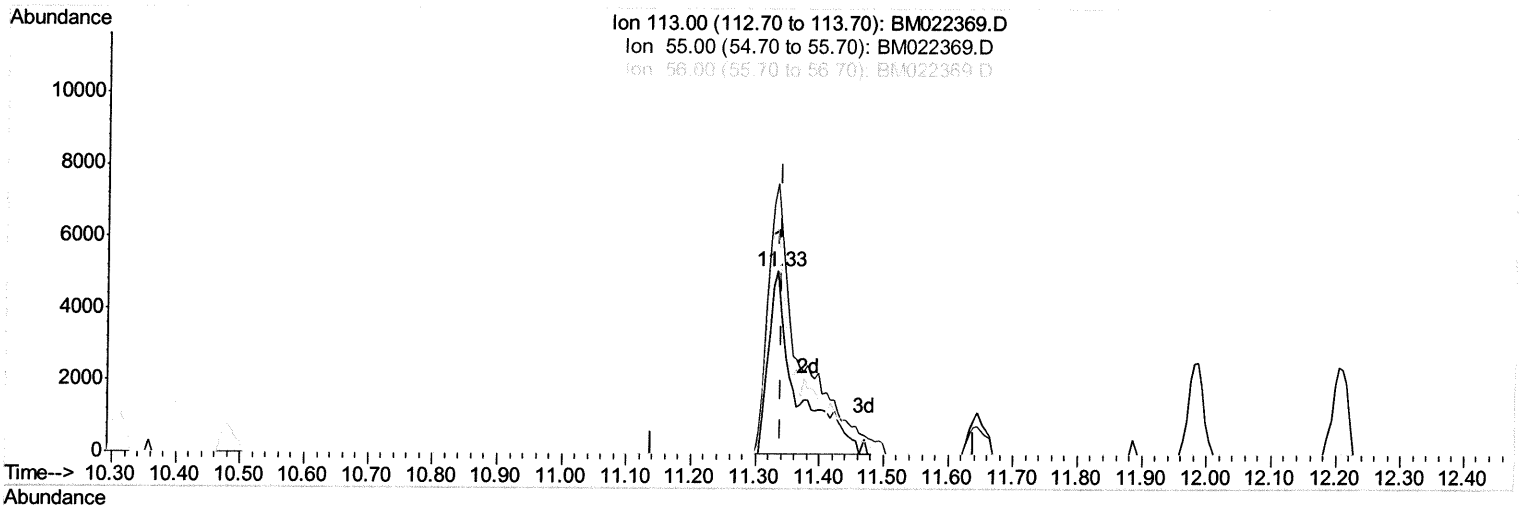

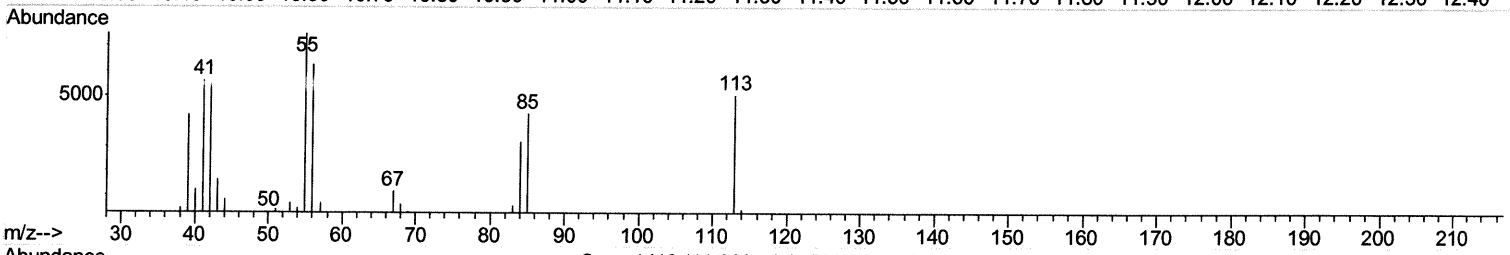

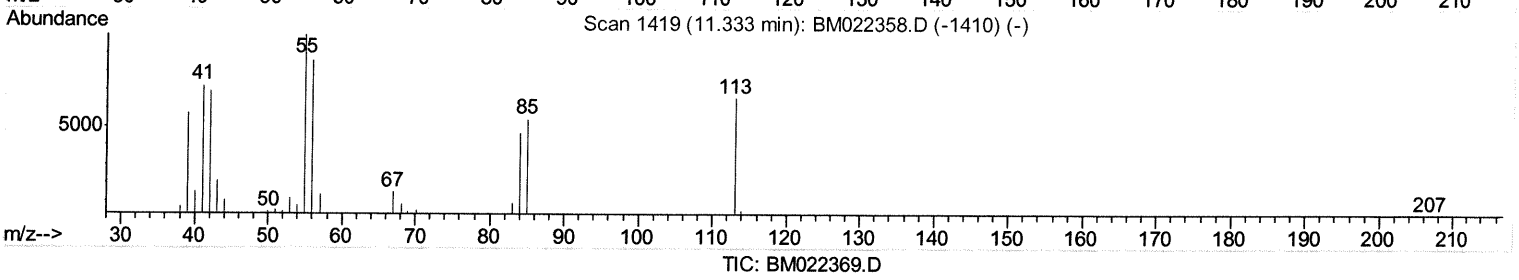

TIC: BM022369.D

(32) Caprolactam

11.334min (-0.006) 22.86ng/ul m JU 08/28/19

response 15606

Ion	Exp%	Act%
113.00	100	100
55.00	139.50	147.97
56.00	130.80	123.42
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	26804	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.31	136	122873	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.20	164	90552	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	207795	20.00	ng/ul	-0.01
77) Chrysene-d12	21.17	240	192339	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	175768	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	4940	8.25	ng/uL	0.00
5) Phenol-d5	6.74	99	47956	20.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	27935	20.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	40951	21.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	41362	20.63	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	19458	21.24	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.42	143	23954	22.46	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.95	165	49623	22.86	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.48	131	59135	22.40	ng/ul	-0.01
43) Dimethylphthalate-d6	13.62	166	159781	20.04	ng/ul	-0.01
46) Acenaphthylene-d8	13.89	160	189963	22.12	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.47	143	15193	12.86	ng/ul	0.00
57) Fluorene-d10	15.20	176	137059	20.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	26141	16.30	ng/ul	0.00
70) Anthracene-d10	17.06	188	230829	20.98	ng/ul	-0.01
78) Pyrene-d10	19.37	212	269143	26.92	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.23	264	199291	20.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	5153	8.026	ng/uL	96
4) Benzaldehyde	6.72	77	36199	27.185	ng/ul	94
6) Phenol	6.77	94	48717	19.667	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.99	93	34927	19.367	ng/ul	93
10) 2-Chlorophenol	7.11	128	40151	20.709	ng/ul	98
11) 2-Methylphenol	8.00	108	39569	20.285	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.07	45	46250	19.680	ng/ul	99
14) Acetophenone	8.37	105	68617	19.797	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.36	70	34629	19.738	ng/ul	96
16) 4-Methylphenol	8.33	108	41779	19.480	ng/ul	96
17) Hexachloroethane	8.58	117	20106	21.150	ng/ul	89
20) Nitrobenzene	8.75	77	56013	20.761	ng/ul	99
21) Isophorone	9.27	82	96562	19.638	ng/ul	98
23) 2-Nitrophenol	9.45	139	25397	21.684	ng/ul	97
24) 2,4-Dimethylphenol	9.52	107	56573	20.597	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.75	93	53061	19.987	ng/ul	97
27) 2,4-Dichlorophenol	9.98	162	47470	21.584	ng/ul	99
28) Naphthalene	10.36	128	139988	20.644	ng/ul	98
30) 4-Chloroaniline	10.50	127	57107	20.782	ng/ul	100
31) Hexachlorobutadiene	10.61	225	45776	21.700	ng/ul	98
32) Caprolactam	11.33	113	15606m→	22.863	ng/ul	98
33) 4-Chloro-3-methylphenol	11.65	107	50697	20.879	ng/ul	98
34) 2-Methylnaphthalene	11.98	142	107513	20.578	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.36	216	81850	21.856 ng/ul	99
37) Hexachlorocyclopentadiene	12.31	237	28880	16.621 ng/ul	97
38) 2,4,6-Trichlorophenol	12.62	196	44855	21.329 ng/ul	95
39) 2,4,5-Trichlorophenol	12.70	196	48869	21.246 ng/ul	99
40) 1,1'-Biphenyl	13.02	154	143754	19.507 ng/ul	100
41) 2-Chloronaphthalene	13.06	162	118683	20.663 ng/ul	98
42) 2-Nitroaniline	13.31	65	35904	20.455 ng/ul	96
44) Dimethylphthalate	13.67	163	158249	19.503 ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	31045	19.924 ng/ul	96
47) Acenaphthylene	13.92	152	171481	19.253 ng/ul	97
48) 3-Nitroaniline	14.16	138	28021	21.124 ng/ul	93
49) Acenaphthene	14.26	153	128521	20.324 ng/ul	97
50) 2,4-Dinitrophenol	14.39	184	13526	14.517 ng/ul	94
52) 4-Nitrophenol	14.49	109	42570	21.685 ng/ul	89
53) Dibenzofuran	14.60	168	186107	19.760 ng/ul	97
54) 2,4-Dinitrotoluene	14.62	165	47127	19.567 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.85	232	48548	20.816 ng/ul#	90
56) Diethylphthalate	15.04	149	168039	19.309 ng/ul	98
58) Fluorene	15.26	166	155840	19.645 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.25	204	99954	20.581 ng/ul	98
60) 4-Nitroaniline	15.33	138	27018	19.629 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.39	198	25750	14.968 ng/ul	98
64) N-Nitrosodiphenylamine	15.48	169	131399	20.293 ng/ul	99
65) 4-Bromophenyl-phenylether	16.15	248	63968	21.506 ng/ul	92
66) Hexachlorobenzene	16.26	284	70881	21.387 ng/ul	97
67) Atrazine	16.45	200	73679	21.848 ng/ul	95
68) Pentachlorophenol	16.62	266	29250	14.610 ng/ul	96
69) Phenanthrene	17.00	178	247982	19.948 ng/ul	100
71) Anthracene	17.10	178	255904	19.782 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	12.97	216	80666	21.825 ng/uL	98
73) Pentachlorobenzene	14.52	250	90526	22.578 ng/uL	99
74) Carbazole	17.39	167	206695	17.690 ng/ul	99
75) Di-n-butylphthalate	17.93	149	286133	19.170 ng/ul	99
76) Fluoranthene	19.03	202	315037	16.817 ng/ul	99
79) Pyrene	19.40	202	320072	25.710 ng/ul	97
80) Butylbenzylphthalate	20.31	149	126206	23.953 ng/ul	100
81) 3,3'-Dichlorobenzidine	21.11	252	88628	17.713 ng/ul	99
82) Benzo(a)anthracene	21.16	228	295464	20.410 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.08	149	181783	22.928 ng/ul#	98
84) Chrysene	21.22	228	272267	20.115 ng/ul	99
86) Di-n-octyl phthalate	21.94	149	273676	21.009 ng/ul	100
87) Benzo(b)fluoranthene	22.72	252	250905	20.521 ng/ul	98
88) Benzo(k)fluoranthene	22.76	252	247414	20.866 ng/ul	97
90) Benzo(a)pyrene	23.27	252	236069	20.256 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.55	276	274322	20.270 ng/ul	98
92) Dibenzo(a,h)anthracene	25.56	278	228591	19.896 ng/ul	99
93) Benzo(g,h,i)perylene	26.23	276	218585	21.172 ng/ul	97

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