

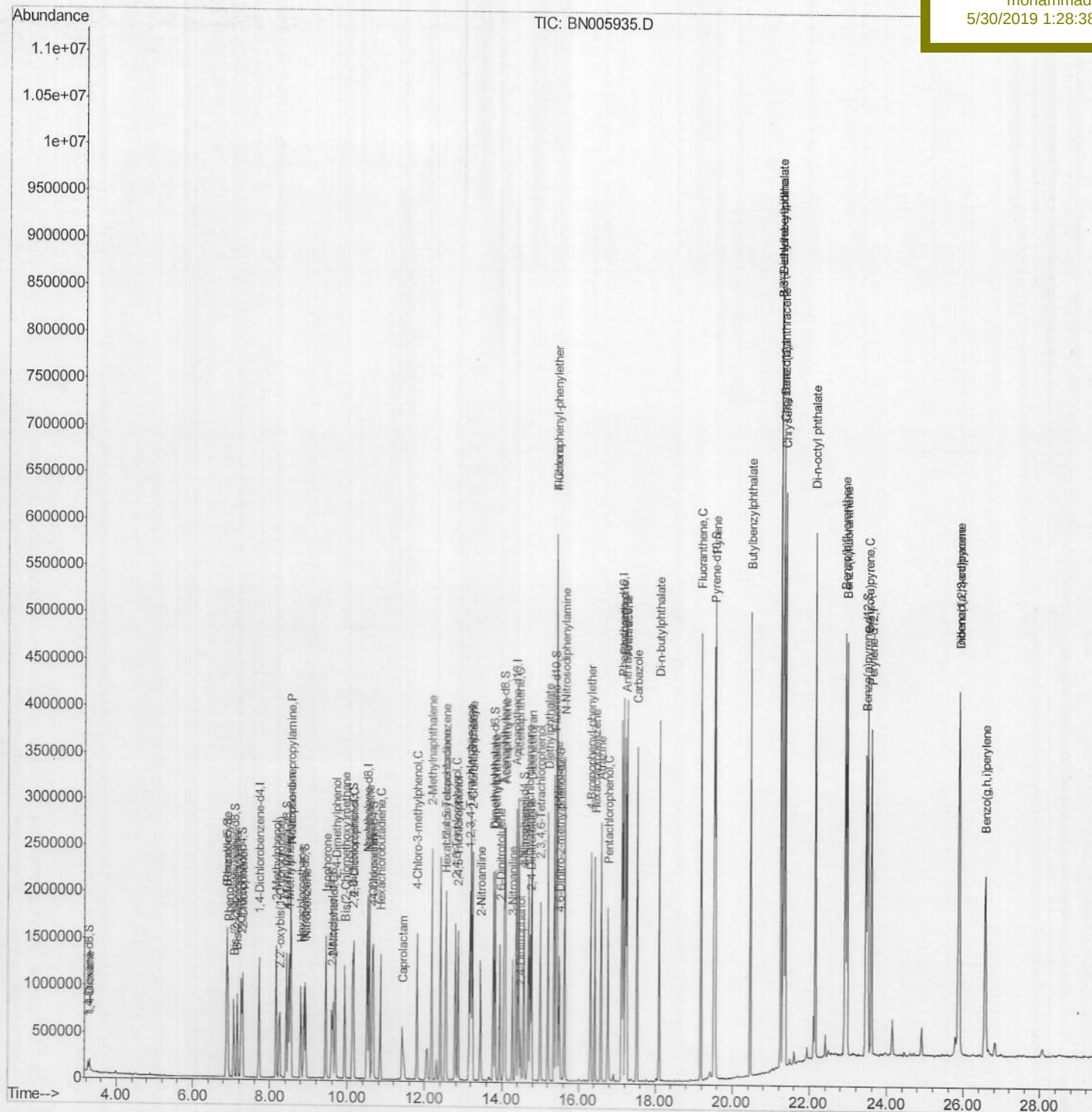
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052919\
Data File : BN005935.D
Acq On : 29 May 2019 17:55
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 29 18:31:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02002

Manual Integrations APPROVED

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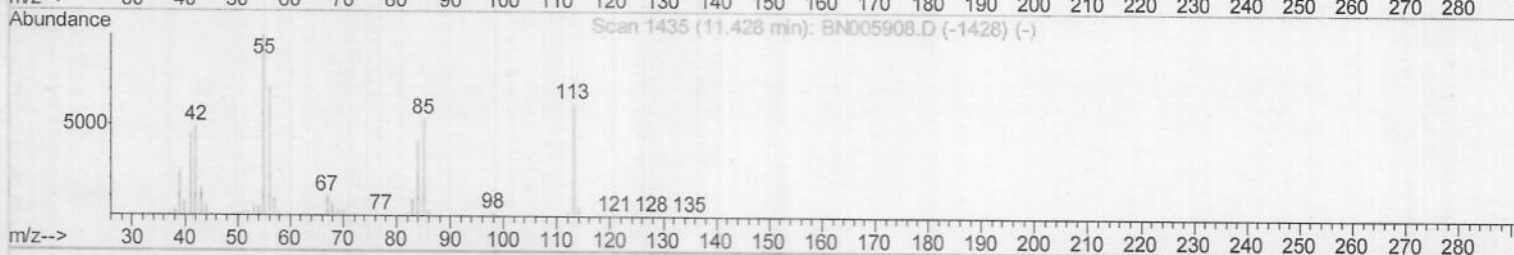
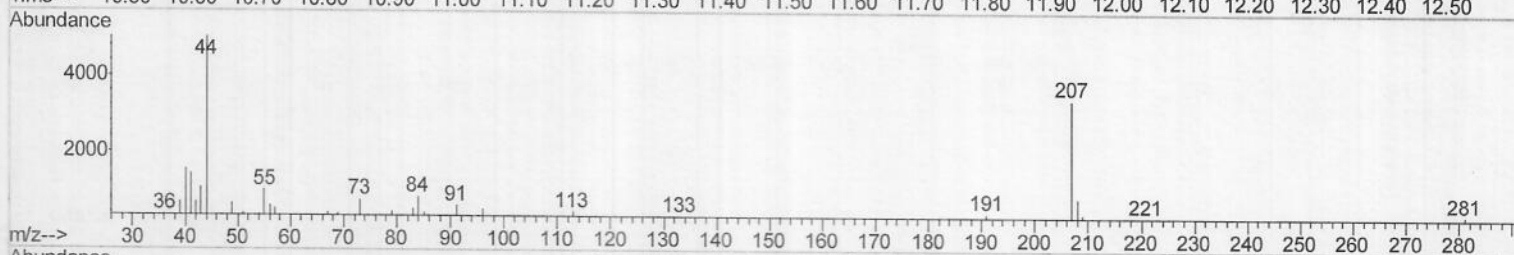
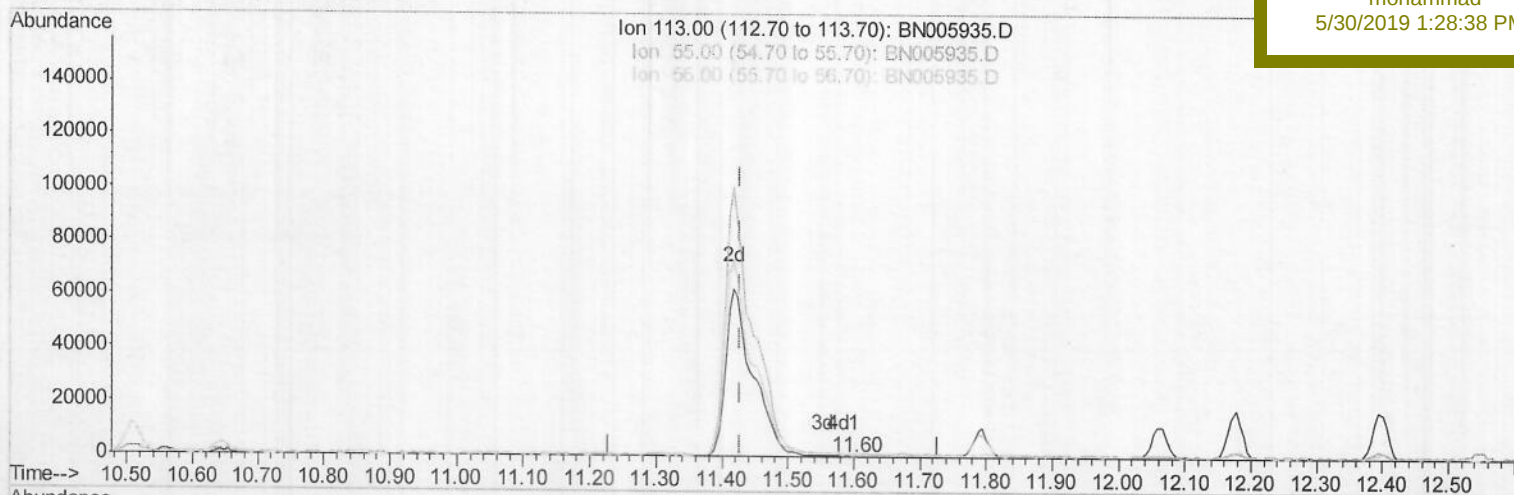
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TIC: BN005935.D

(32) Caprolactam

11.600min (+0.173) 0.05ng/ul

response 418

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	225.86
56.00	148.90	127.23
0.00	0.00	0.00

Quantitation Report (Qedit)

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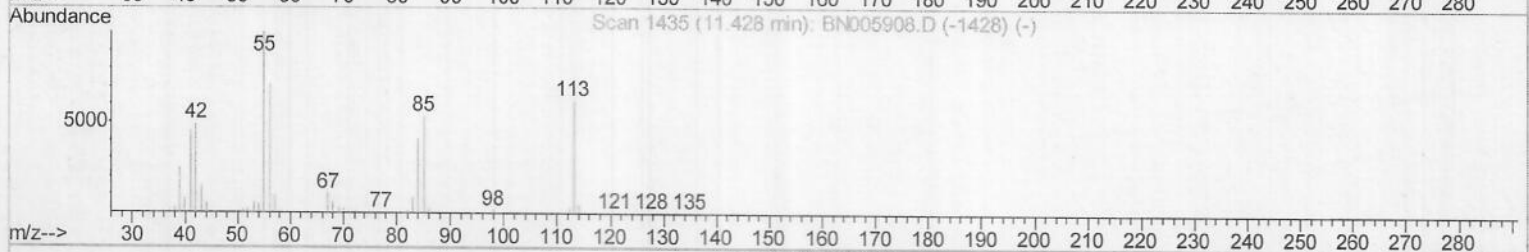
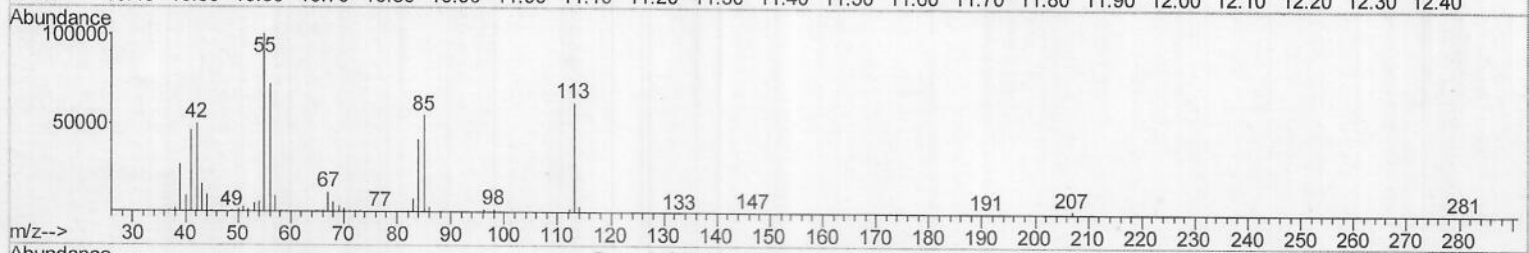
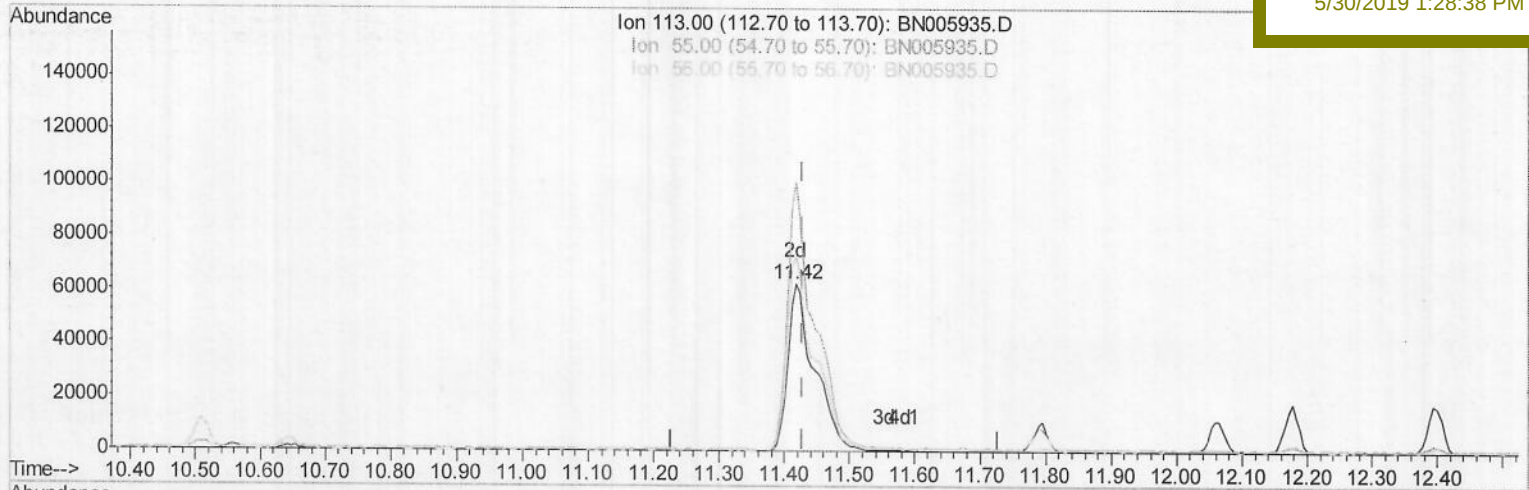
SSTD02002

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TIC: BN005935.D

(32) Caprolactam

11.418min (-0.010) 20.36ng/ul m

JUV06/05/19

response 179170

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	161.16
56.00	148.90	116.49#
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	7.73	152	342189	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1578181	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	937492	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2154761	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	2204484	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	2321329	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	60377	7.76	ng/uL	0.00
5) Phenol-d5	6.89	99	620693	20.46	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.07	67	353130	20.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	474803	20.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	484372	19.78	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	223776	22.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	221031	23.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	469238	21.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	615252	21.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	1394507	20.18	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1812144	20.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	285058	22.66	ng/ul	0.00
57) Fluorene-d10	15.36	176	1231352	21.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	174104	19.82	ng/ul	0.00
70) Anthracene-d10	17.22	188	1983593	21.63	ng/ul	0.00
78) Pyrene-d10	19.52	212	2259491	20.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	2223765	21.47	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.29	88	65557	7.959	ng/uL 96
4) Benzaldehyde	6.87	77	415352	19.836	ng/ul 98
6) Phenol	6.92	94	639959	20.478	ng/ul 90
8) Bis(2-Chloroethyl) ether	7.15	93	491726	20.376	ng/ul 94
10) 2-Chlorophenol	7.29	128	486794	20.726	ng/ul 94
11) 2-Methylphenol	8.16	108	479250	19.904	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.26	45	652678	20.308	ng/ul# 93
14) Acetophenone	8.54	105	754456	20.437	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.53	70	379843	19.229	ng/ul# 87
16) 4-Methylphenol	8.49	108	536562	20.299	ng/ul 97
17) Hexachloroethane	8.80	117	190416	20.329	ng/ul 91
20) Nitrobenzene	8.92	77	552975	21.387	ng/ul 94
21) Isophorone	9.44	82	1090712	19.377	ng/ul 98
23) 2-Nitrophenol	9.62	139	254444	23.043	ng/ul 96
24) 2,4-Dimethylphenol	9.68	107	572097	20.679	ng/ul 94
25) Bis(2-Chloroethoxy)methane	9.93	93	688605	20.098	ng/ul 98
27) 2,4-Dichlorophenol	10.15	162	464842	21.080	ng/ul 99
28) Naphthalene	10.56	128	1578484	21.075	ng/ul 99
30) 4-Chloroaniline	10.67	127	626553	21.387	ng/ul 98
31) Hexachlorobutadiene	10.85	225	260523	21.260	ng/ul 97
32) Caprolactam	11.42	113	179170m)	20.358	ng/ul 91
33) 4-Chloro-3-methylphenol	11.79	107	536466	20.177	ng/ul 91
34) 2-Methylnaphthalene	12.18	142	1144664	20.746	ng/ul 99

J006/05/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	530573	21.191	ng/ul	98
37) Hexachlorocyclopentadiene	12.53	237	236930	16.255	ng/ul	97
38) 2,4,6-Trichlorophenol	12.79	196	354832	21.537	ng/ul	97
39) 2,4,5-Trichlorophenol	12.86	196	395236	21.944	ng/ul	99
40) 1,1'-Biphenyl	13.19	154	1472234	21.173	ng/ul	97
41) 2-Chloronaphthalene	13.24	162	1119990	21.267	ng/ul	98
42) 2-Nitroaniline	13.44	65	327717	23.525	ng/ul	90
44) Dimethylphthalate	13.83	163	1385702	20.060	ng/ul	100
45) 2,6-Dinitrotoluene	13.95	165	271030	22.761	ng/ul	96
47) Acenaphthylene	14.09	152	1809628	21.345	ng/ul	99
48) 3-Nitroaniline	14.27	138	302322	23.386	ng/ul	90
49) Acenaphthene	14.43	153	1215629	21.107	ng/ul	99
50) 2,4-Dinitrophenol	14.48	184	98804	18.645	ng/ul	93
52) 4-Nitrophenol	14.58	109	219861	22.301	ng/ul#	81
53) Dibenzofuran	14.77	168	1718675	21.139	ng/ul	98
54) 2,4-Dinitrotoluene	14.74	165	408707	23.026	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.99	232	330665	22.336	ng/ul	97
56) Diethylphthalate	15.20	149	1466476	20.396	ng/ul	99
58) Fluorene	15.42	166	1387830	21.734	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.42	204	655854	21.554	ng/ul	98
60) 4-Nitroaniline	15.44	138	366242	23.396	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.49	198	190091	19.680	ng/ul	99
64) N-Nitrosodiphenylamine	15.63	169	1249041	20.792	ng/ul	98
65) 4-Bromophenyl-phenylether	16.31	248	410846	20.531	ng/ul	97
66) Hexachlorobenzene	16.42	284	447692	20.822	ng/ul	97
67) Atrazine	16.58	200	442164	20.807	ng/ul	98
68) Pentachlorophenol	16.76	266	283297	22.397	ng/ul	98
69) Phenanthrene	17.16	178	2316764	21.701	ng/ul	100
71) Anthracene	17.25	178	2374633	21.909	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	552730	20.671	ng/uL	97
73) Pentachlorobenzene	14.69	250	514614	20.779	ng/uL	99
74) Carbazole	17.52	167	2248724	23.030	ng/ul	99
75) Di-n-butylphthalate	18.09	149	2658488	20.832	ng/ul	100
76) Fluoranthene	19.18	202	2767597	24.284	ng/ul#	92
79) Pyrene	19.55	202	2861926	20.494	ng/ul#	94
80) Butylbenzylphthalate	20.46	149	1317759	20.998	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.25	252	993477	22.693	ng/ul	98
82) Benzo(a)anthracene	21.31	228	2901138	20.935	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.25	149	1929375	21.210	ng/ul	99
84) Chrysene	21.36	228	2711249	20.977	ng/ul	99
86) Di-n-octyl phthalate	22.14	149	3488644	25.471	ng/ul	100
87) Benzo(b)fluoranthene	22.91	252	2820538	21.633	ng/ul	98
88) Benzo(k)fluoranthene	22.96	252	2771510	23.119	ng/ul#	98
90) Benzo(a)pyrene	23.49	252	2627658	21.371	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.87	276	2581890	17.896	ng/ul#	93
92) Dibenzo(a,h)anthracene	25.88	278	2205009	18.356	ng/ul	97
93) Benzo(g,h,i)perylene	26.56	276	2072767	17.058	ng/ul#	95

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