Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092421\
Data File : BM032140.D
Acq On : 24 Sep 2021 20:47
Operator : CG/JU
Sample : SSTD08036
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 25 00:20:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 25 00:18:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD080043

Manual Integrations APPROVED
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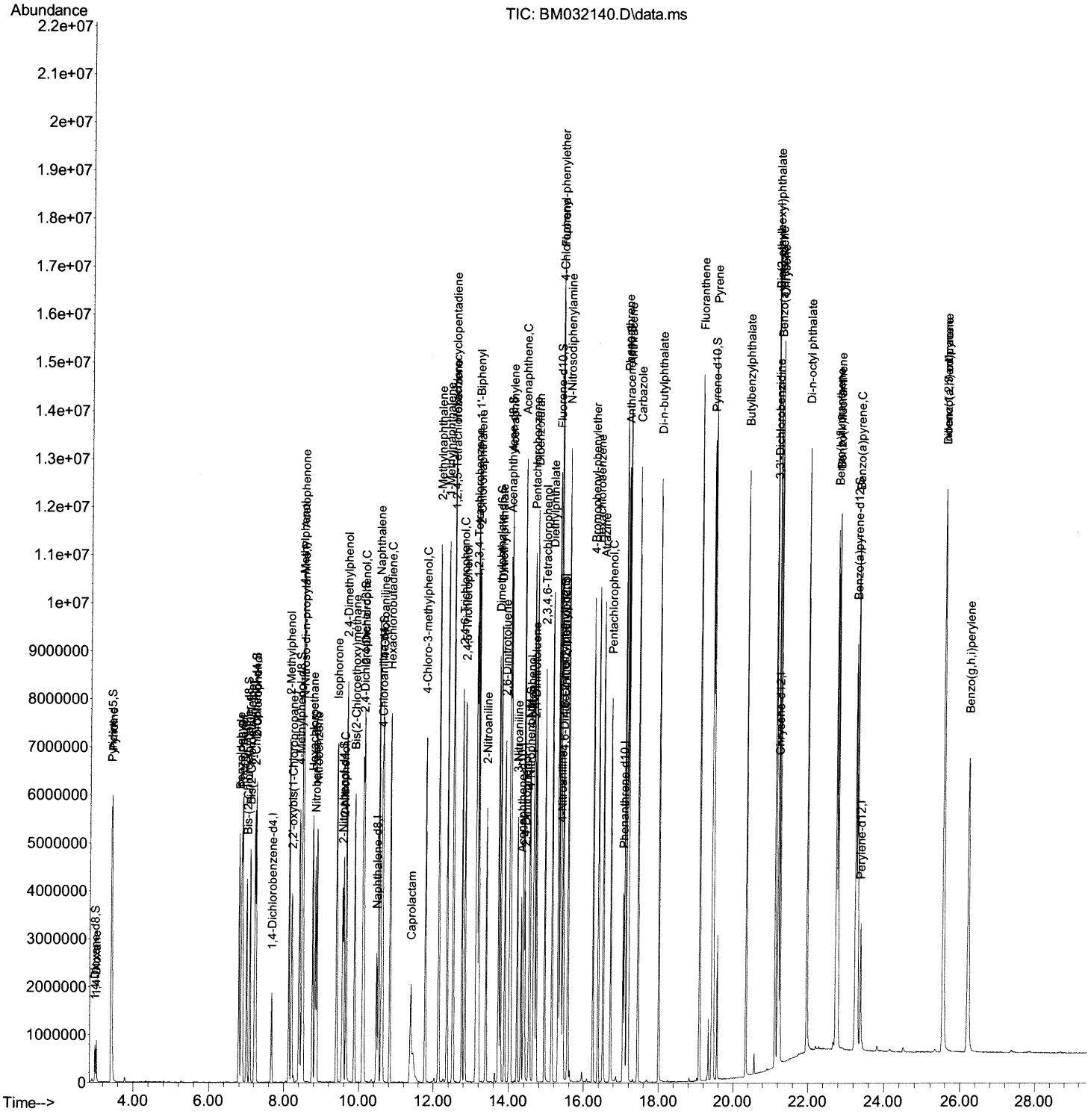

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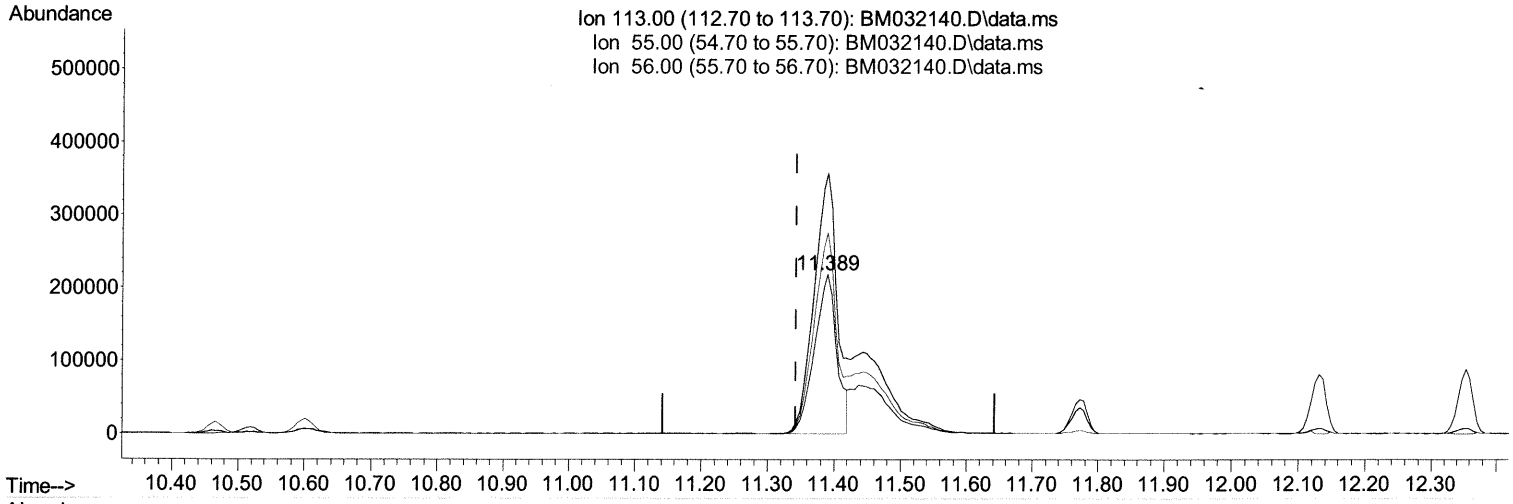

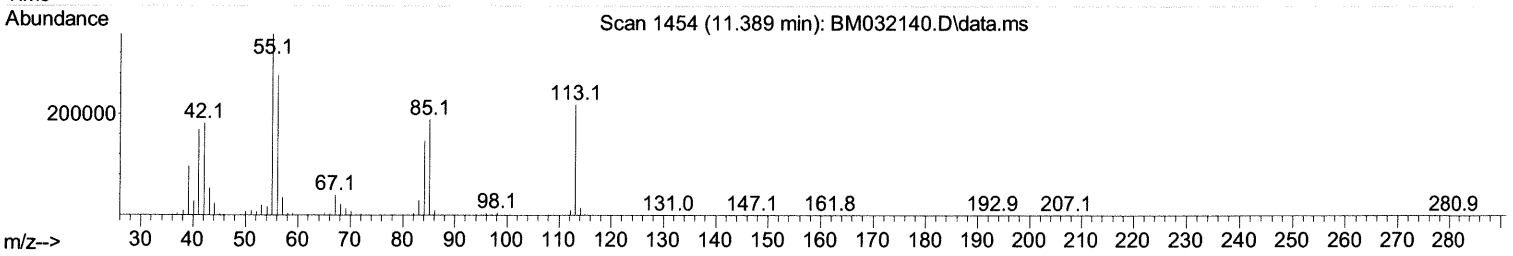

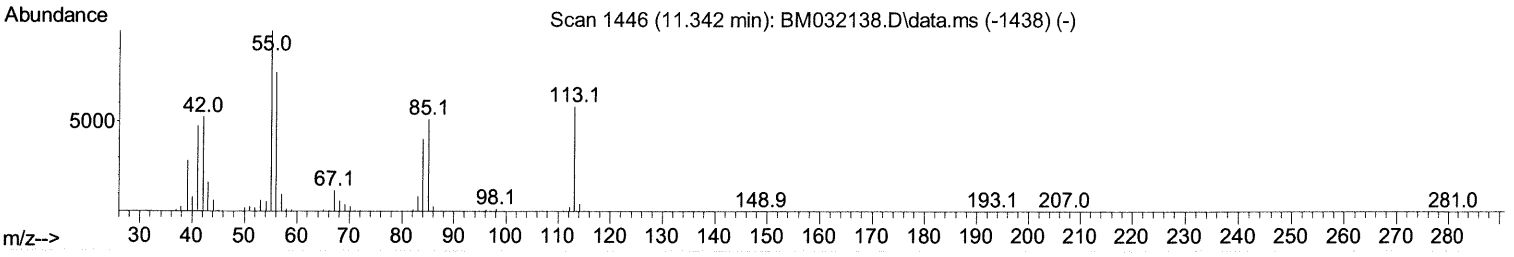

TIC: BM032140.D\data.ms

(34) Caprolactam

11.389min (+ 0.047) 40.49 ng/ul

response 511380

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	172.60	163.60
56.00	132.50	126.47
0.00	0.00	0.00

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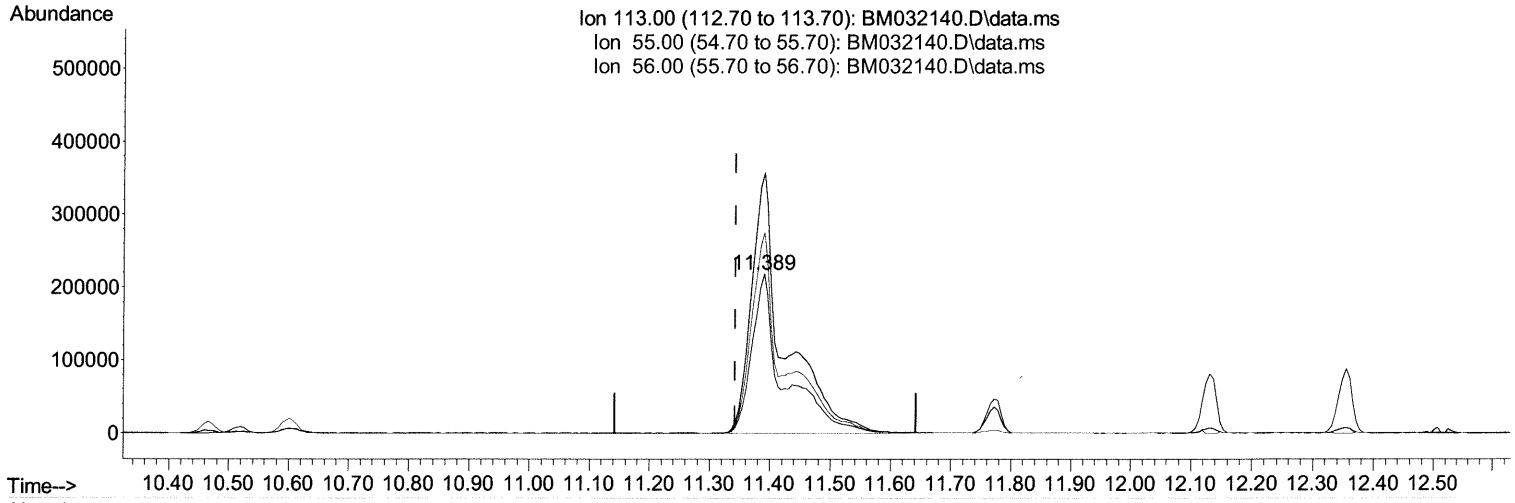

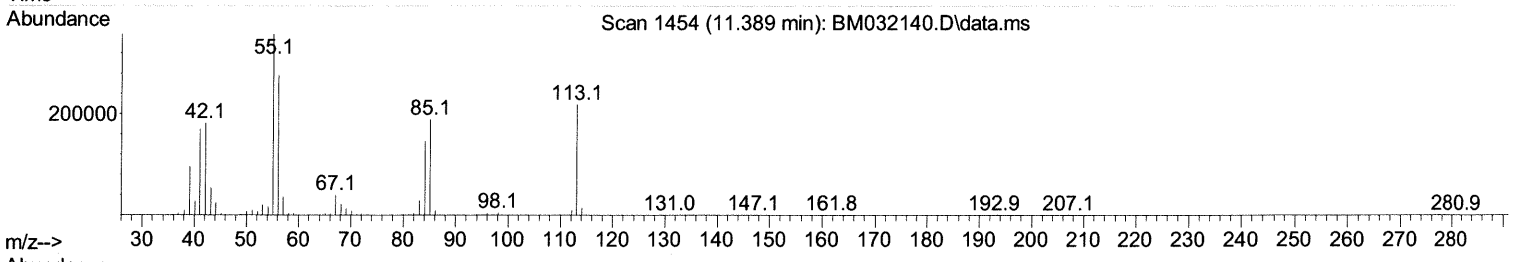

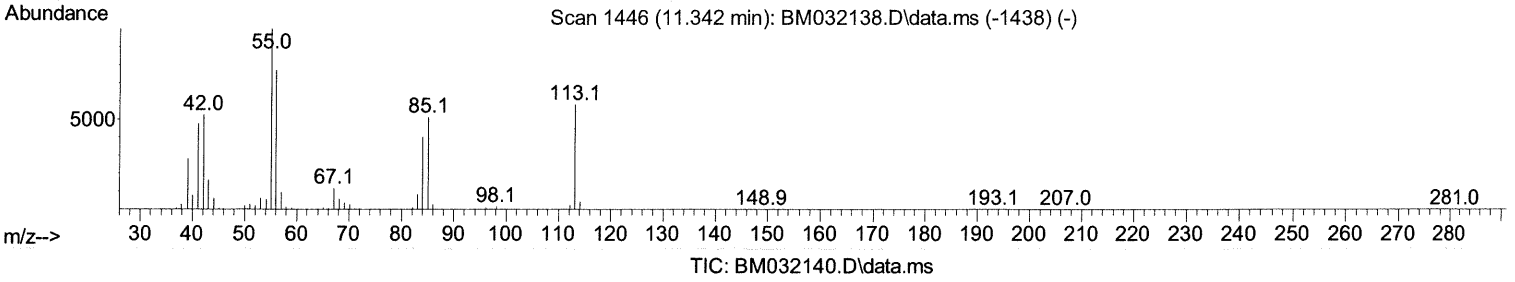

(34) Caprolactam

11.389min (+ 0.047) 63.05 ng/ul m 09/29/21 JJ

response 796418

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	172.60	163.60
56.00	132.50	126.47
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	488970	20.000	ng/ul	0.00
20) Naphthalene-d8	10.466	136	2068744	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.319	164	1261903	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.042	188	2378224	20.000	ng/ul	0.00
79) Chrysene-d12	21.206	240	1733616	20.000	ng/ul	0.00
88) Perylene-d12	23.371	264	1672380	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.984	96	369547	31.137	ng/uL	0.00
4) Pyridine-d5	3.413	84	2673277	71.048	ng/ul	0.00
7) Phenol-d5	6.860	99	3193979	71.476	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.001	67	1866536	69.396	ng/ul	0.01
11) 2-Chlorophenol-d4	7.213	132	2526446	79.153	ng/ul	0.00
15) 4-Methylphenol-d8	8.407	113	2505423	69.360	ng/ul	0.01
21) Nitrobenzene-d5	8.831	128	1184661	100.535	ng/ul	0.00
24) 2-Nitrophenol-d4	9.554	143	1326828	118.740	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.101	165	2505030	82.959	ng/ul	0.01
31) 4-Chloroaniline-d4	10.601	131	3293068	73.711	ng/ul	0.00
46) Dimethylphthalate-d6	13.725	166	6429293	72.937	ng/ul	0.00
49) Acenaphthylene-d8	14.013	160	8088488	72.827	ng/ul	0.00
54) 4-Nitrophenol-d4	14.530	143	1200486	84.448	ng/ul	0.02
60) Fluorene-d10	15.313	176	5233685	71.507	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.430	200	1071754	123.279	ng/ul	0.01
73) Anthracene-d10	17.148	188	7462212	72.995	ng/ul	0.01
81) Pyrene-d10	19.424	212	7271843	86.393	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.242	264	6548215	79.737	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	409358	30.479	ng/uL	96
5) Pyridine	3.431	79	2640158	71.449	ng/ul	97
6) Benzaldehyde	6.796	77	1675911	63.635	ng/ul	97
8) Phenol	6.890	94	3209278	70.527	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.090	93	2517500	70.973	ng/ul	98
12) 2-Chlorophenol	7.243	128	2570411	77.433	ng/ul	99
13) 2-Methylphenol	8.131	108	2457724	70.499	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.207	45	3421224	74.301	ng/ul	99
16) Acetophenone	8.495	105	3589683	64.193	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.507	70	1873252	60.144	ng/ul	96
18) 4-Methylphenol	8.478	108	2543914	67.977	ng/ul	99
19) Hexachloroethane	8.760	117	1054929	76.863	ng/ul	99
22) Nitrobenzene	8.872	77	2758796	82.647	ng/ul	98
23) Isophorone	9.401	82	5428278	66.029	ng/ul	98
25) 2-Nitrophenol	9.590	139	1406609	108.920	ng/ul	96
26) 2,4-Dimethylphenol	9.660	107	2875048	73.079	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.878	93	3391367	72.203	ng/ul	100
29) 2,4-Dichlorophenol	10.125	162	2420915	81.885	ng/ul	98
30) Naphthalene	10.519	128	7660767	75.185	ng/ul	98
32) 4-Chloroaniline	10.625	127	3291170	71.987	ng/ul	100
33) Hexachlorobutadiene	10.825	225	1592076	82.316	ng/ul	98
34) Caprolactam	11.389	113	796418m	63.052	ng/ul	100
35) 4-Chloro-3-methylphenol	11.772	107	2609532	70.781	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.131	142	5221005	72.826	ng/ul	99
37) 1-Methylnaphthalene	12.354	142	5246418	71.894	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.519	216	2649172	78.496	ng/ul	97
40) Hexachlorocyclopentadiene	12.507	237	1629866	81.266	ng/ul	98
41) 2,4,6-Trichlorophenol	12.754	196	1904700	87.120	ng/ul	100
42) 2,4,5-Trichlorophenol	12.831	196	2050618	89.180	ng/ul	98
43) 1,1'-Biphenyl	13.154	154	6578316	74.694	ng/ul	98
44) 2-Chloronaphthalene	13.189	162	5211626	77.996	ng/ul	97
45) 2-Nitroaniline	13.395	65	1537152	102.244	ng/ul	94
47) Dimethylphthalate	13.778	163	6286017	71.563	ng/ul	99
48) 2,6-Dinitrotoluene	13.889	165	1355399	108.955	ng/ul	99
50) Acenaphthylene	14.042	152	8074044	71.093	ng/ul	96
51) 3-Nitroaniline	14.219	138	1336118	92.144	ng/ul	99
52) Acenaphthene	14.383	153	5315506	71.843	ng/ul	99
53) 2,4-Dinitrophenol	14.419	184	771754	119.679	ng/ul	89
55) 4-Nitrophenol	14.548	109	938713	68.957	ng/ul	95
56) Dibenzofuran	14.719	168	7436517	71.386	ng/ul	96
57) 2,4-Dinitrotoluene	14.677	165	1835943	101.338	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.948	232	1629069	84.039	ng/ul	98
59) Diethylphthalate	15.142	149	6274905	68.572	ng/ul	98
61) Fluorene	15.366	166	5331249	63.474	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.354	204	2768893	67.299	ng/ul	97
63) 4-Nitroaniline	15.389	138	1160817	77.274	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.442	198	1034228	115.123	ng/ul	97
67) N-Nitrosodiphenylamine	15.566	169	5123768	77.854	ng/ul	98
68) 4-Bromophenyl-phenylether	16.242	248	1874080	83.505	ng/ul	98
69) Hexachlorobenzene	16.377	284	2111619	83.927	ng/ul	98
70) Atrazine	16.513	200	1957882	77.024	ng/ul	98
71) Pentachlorophenol	16.713	266	1379997	95.628	ng/ul	99
72) Phenanthrene	17.089	178	8509897	70.937	ng/ul	96
74) Anthracene	17.183	178	8462126	69.108	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.125	216	2912484	93.339	ng/uL	100
76) Pentachlorobenzene	14.654	250	2711003	88.031	ng/uL	99
77) Carbazole	17.442	167	7789330	70.186	ng/ul	97
78) Di-n-butylphthalate	18.001	149	9169236	66.015	ng/ul	97
80) Fluoranthene	19.095	202	8797519	82.631	ng/ul	97
82) Pyrene	19.459	202	8619949	80.125	ng/ul	95
83) Butylbenzylphthalate	20.342	149	3572071	84.659	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.124	252	2462441	67.319	ng/ul	99
85) Benzo(a)anthracene	21.189	228	7598870	72.488	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.112	149	4688072	73.191	ng/ul	97
87) Chrysene	21.242	228	7222513	71.240	ng/ul	97
89) Di-n-octyl phthalate	21.959	149	8058239	85.570	ng/ul	100
90) Benzo(b)fluoranthene	22.730	252	7817069	79.411	ng/ul	99
91) Benzo(k)fluoranthene	22.771	252	6929902	76.710	ng/ul	98
93) Benzo(a)pyrene	23.289	252	7397449	77.671	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.547	276	8135803	74.057	ng/ul	99
95) Dibenzo(a,h)anthracene	25.547	278	6915932	74.235	ng/ul	100
96) Benzo(g,h,i)perylene	26.206	276	7306294	77.464	ng/ul	98

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