Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007458.D
Acq On : 18 Oct 2021 11:50
Operator : CG/JU
Sample : PB139922BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 18 12:21:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 18 11:26:58 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS922

Manual Integrations APPROVED
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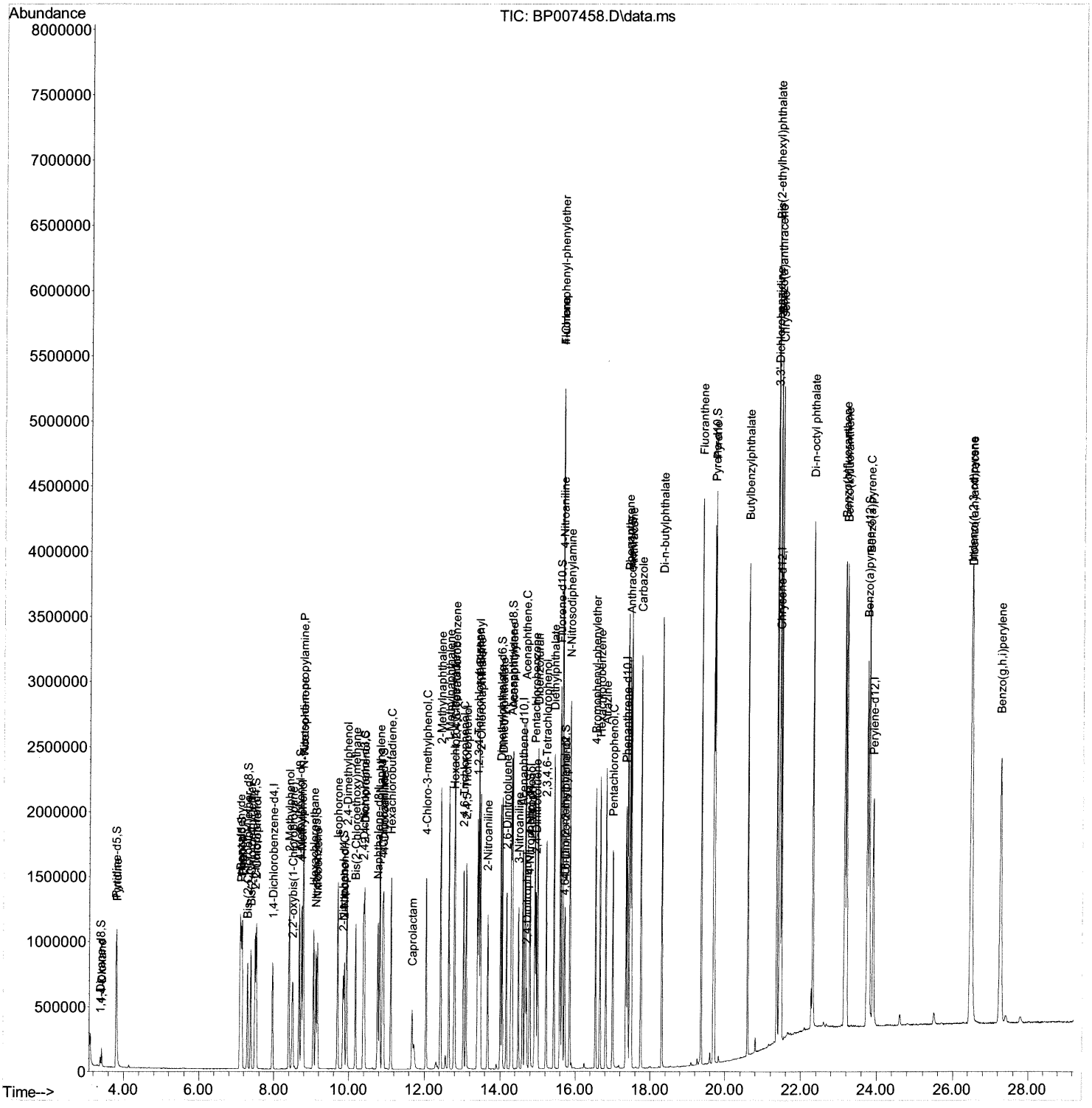
10/19/2021 12:36:24 PM



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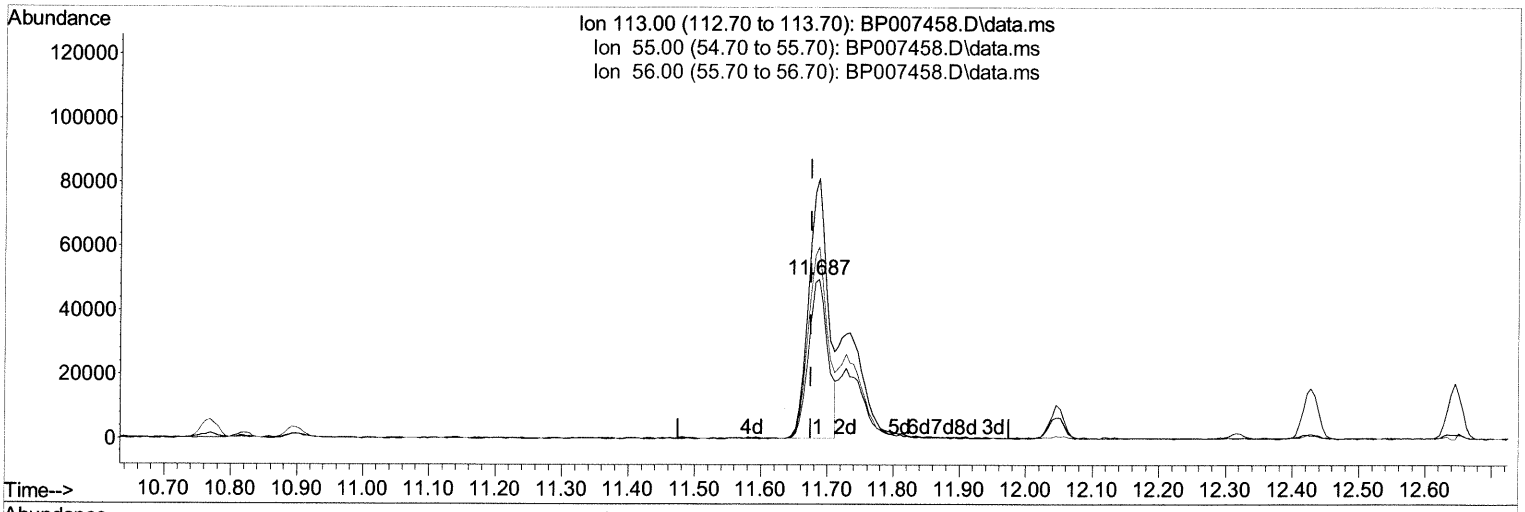

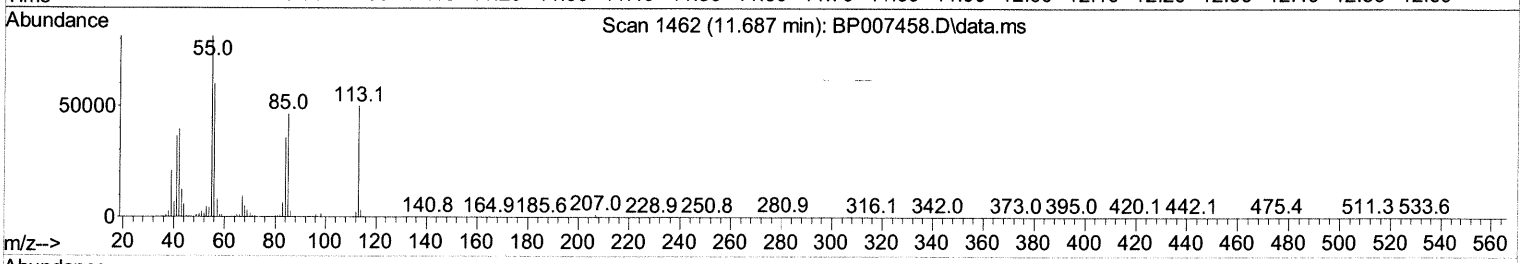

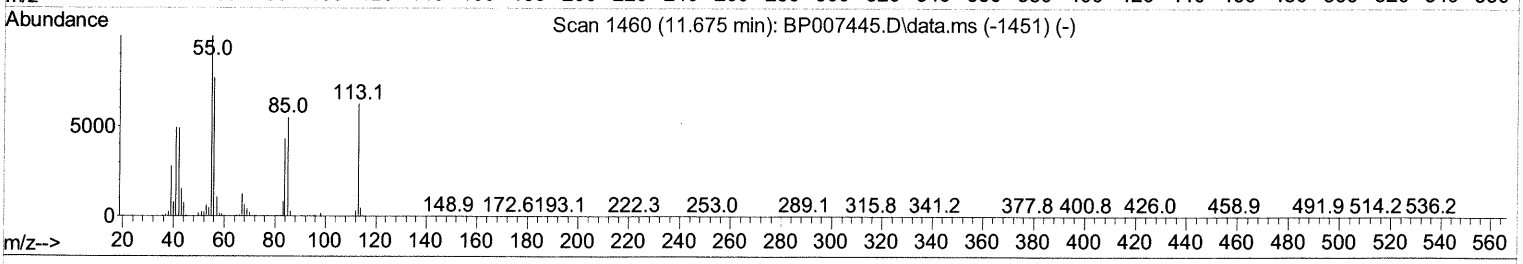

TIC: BP007458.D\data.ms

(34) Caprolactam

11.687min (+ 0.012) 29.62 ng/ul

response 101480

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	163.18
56.00	120.30	120.22
0.00	0.00	0.00

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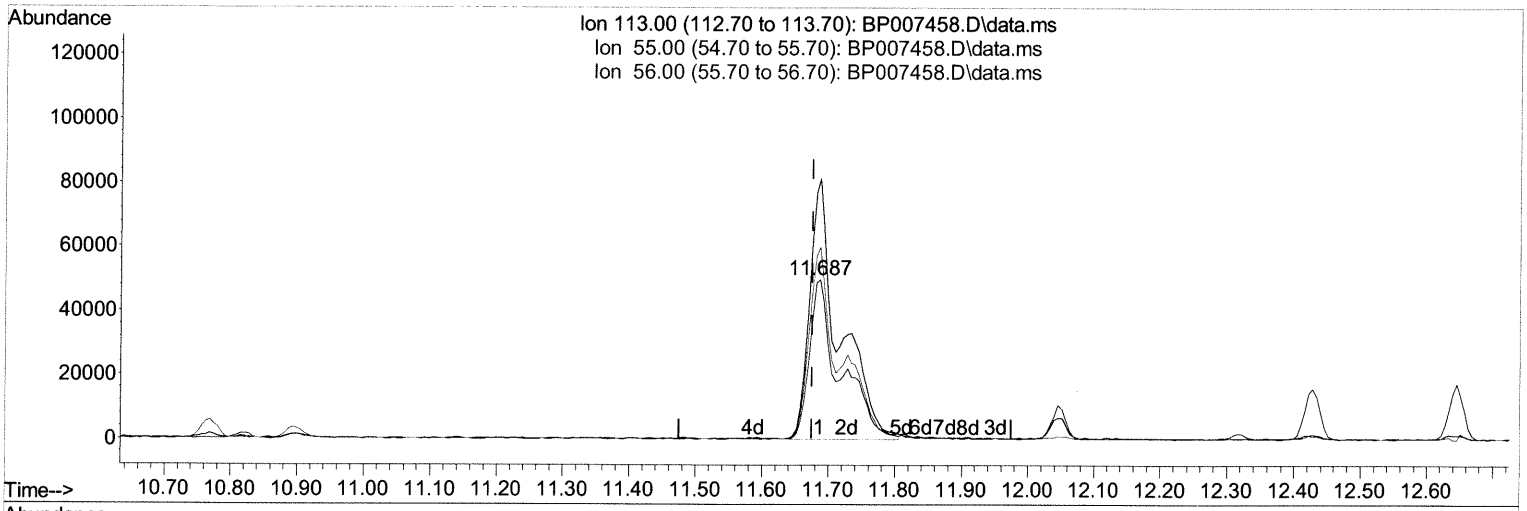

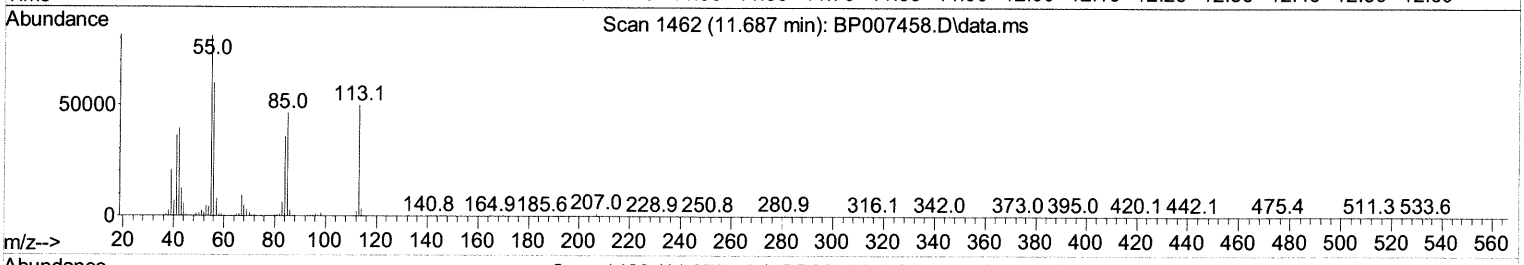

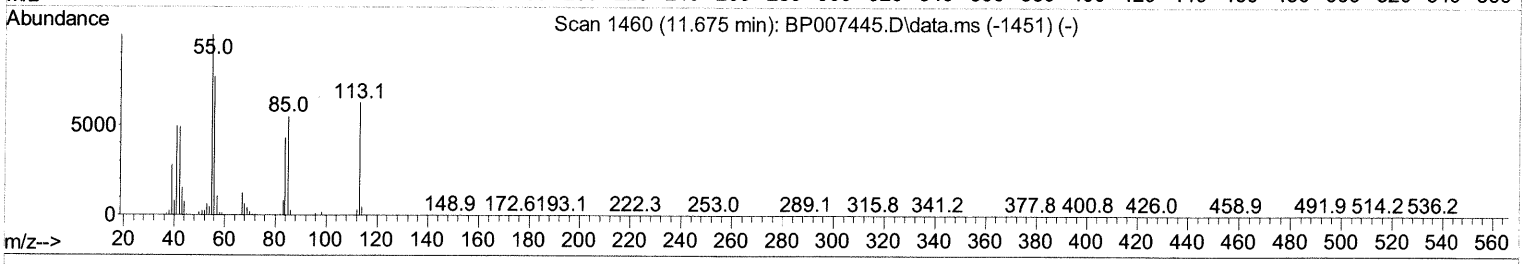

TIC: BP007458.D\data.ms

(34) Caprolactam

11.687min (+ 0.012) 46.61 ng/ul m 10/20/21 JU

response 159669

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	163.18
56.00	120.30	120.22
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	7.963	152	226609	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	921536	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	579411	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	1238700	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	1244303	20.000	ng/ul	0.00
88) Perylene-d12	23.904	264	1361287	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	36744	6.404	ng/uL	0.00
4) Pyridine-d5	3.793	84	479625	30.538	ng/ul	0.00
7) Phenol-d5	7.116	99	608505	34.385	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	348026	32.972	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	479808	34.464	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	483150	35.444	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	225035	38.587	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	232532	42.687	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	473415	35.631	ng/ul	0.00
31) 4-Chloroaniline-d4	10.898	131	596552	33.202	ng/ul	0.00
46) Dimethylphthalate-d6	14.010	166	1392289	34.733	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	1688994	33.527	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	256485	39.876	ng/ul	0.00
60) Fluorene-d10	15.592	176	1158561	34.536	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	198041	39.900	ng/ul	0.00
73) Anthracene-d10	17.451	188	1828352	34.756	ng/ul	0.00
81) Pyrene-d10	19.686	212	2211107	35.546	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.745	264	2292972	33.852	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	73380	11.757	ng/uL	94
5) Pyridine	3.816	79	496133	32.662	ng/ul	96
6) Benzaldehyde	7.093	77	395321	39.758	ng/ul	97
8) Phenol	7.146	94	627346	34.672	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.381	93	496286	33.986	ng/ul	99
12) 2-Chlorophenol	7.522	128	494004	34.563	ng/ul	100
13) 2-Methylphenol	8.404	108	475815	34.911	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.493	45	586320	31.508	ng/ul	99
16) Acetophenone	8.781	105	717973	34.431	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.775	70	359826	33.354	ng/ul	95
18) 4-Methylphenol	8.734	108	503663	34.695	ng/ul	99
19) Hexachloroethane	9.052	117	200872	33.567	ng/ul	93
22) Nitrobenzene	9.157	77	539207	36.010	ng/ul	98
23) Isophorone	9.693	82	1052232	33.567	ng/ul	98
25) 2-Nitrophenol	9.875	139	255984	40.540	ng/ul	97
26) 2,4-Dimethylphenol	9.940	107	551260	34.193	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.175	93	647349	33.328	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	467604	35.806	ng/ul	98
30) Naphthalene	10.822	128	1480237	33.028	ng/ul	100
32) 4-Chloroaniline	10.922	127	628475	34.568	ng/ul	99
33) Hexachlorobutadiene	11.116	225	323413	35.273	ng/ul	100
34) Caprolactam	11.687	113	159669m	46.610	ng/ul	>
35) 4-Chloro-3-methylphenol	12.045	107	507560	35.777	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.428	142	1021654	33.354	ng/ul	100
37) 1-Methylnaphthalene	12.645	142	1026952	33.119	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.798	216	575864	34.384	ng/ul	98
40) Hexachlorocyclopentadiene	12.781	237	334934	31.715	ng/ul	100
41) 2,4,6-Trichlorophenol	13.034	196	380004	38.586	ng/ul	96
42) 2,4,5-Trichlorophenol	13.098	196	416123	40.585	ng/ul	98
43) 1,1'-Biphenyl	13.434	154	1374146	33.274	ng/ul	99
44) 2-Chloronaphthalene	13.475	162	1051141	33.046	ng/ul	100
45) 2-Nitroaniline	13.669	65	300991	40.700	ng/ul	93
47) Dimethylphthalate	14.057	163	1383453	34.746	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	279805	42.378	ng/ul	93
50) Acenaphthylene	14.322	152	1701932	33.508	ng/ul	100
51) 3-Nitroaniline	14.492	138	303030	41.189	ng/ul#	96
52) Acenaphthene	14.663	153	1097837	33.379	ng/ul	100
53) 2,4-Dinitrophenol	14.698	184	133442	43.751	ng/ul	94
55) 4-Nitrophenol	14.798	109	216459	37.250	ng/ul	98
56) Dibenzofuran	14.998	168	1604228	33.591	ng/ul	99
57) 2,4-Dinitrotoluene	14.957	165	401808	43.327	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.222	232	341975	40.194	ng/ul	98
59) Diethylphthalate	15.428	149	1389496	35.000	ng/ul	99
61) Fluorene	15.645	166	1211521	33.482	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.645	204	623923	33.865	ng/ul	99
63) 4-Nitroaniline	15.657	138	287038	44.010	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.722	198	205583	40.041	ng/ul	100
67) N-Nitrosodiphenylamine	15.857	169	1131747	33.936	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	414332	37.132	ng/ul	97
69) Hexachlorobenzene	16.663	284	478695	35.665	ng/ul	98
70) Atrazine	16.816	200	449518	35.605	ng/ul	99
71) Pentachlorophenol	17.004	266	298266	40.143	ng/ul	99
72) Phenanthrene	17.398	178	2151377	34.742	ng/ul	100
74) Anthracene	17.486	178	2122049	34.263	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	590475	32.866	ng/uL	98
76) Pentachlorobenzene	14.922	250	554817	33.128	ng/uL	100
77) Carbazole	17.751	167	1980731	36.408	ng/ul	100
78) Di-n-butylphthalate	18.316	149	2416872	36.162	ng/ul	100
80) Fluoranthene	19.363	202	2681861	34.747	ng/ul	98
82) Pyrene	19.716	202	2645437	33.989	ng/ul	99
83) Butylbenzylphthalate	20.592	149	1122641	39.287	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.351	252	908054	38.356	ng/ul	99
85) Benzo(a)anthracene	21.427	228	2670473	34.930	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.363	149	1611446	36.886	ng/ul	99
87) Chrysene	21.480	228	2565505	34.640	ng/ul	98
89) Di-n-octyl phthalate	22.310	149	2912208	37.913	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	2856830	34.481	ng/ul	99
91) Benzo(k)fluoranthene	23.204	252	2702094	34.976	ng/ul	98
93) Benzo(a)pyrene	23.792	252	2784653	35.136	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.480	276	3325706	36.223	ng/ul	99
95) Dibenzo(a,h)anthracene	26.504	278	2815486	36.013	ng/ul	98
96) Benzo(g,h,i)perylene	27.268	276	2864260	36.224	ng/ul	98

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