Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007563.D
Acq On : 21 Oct 2021 20:22
Operator : CG/JU
Sample : PB140023BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 22 00:59:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 20 10:49:33 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS023

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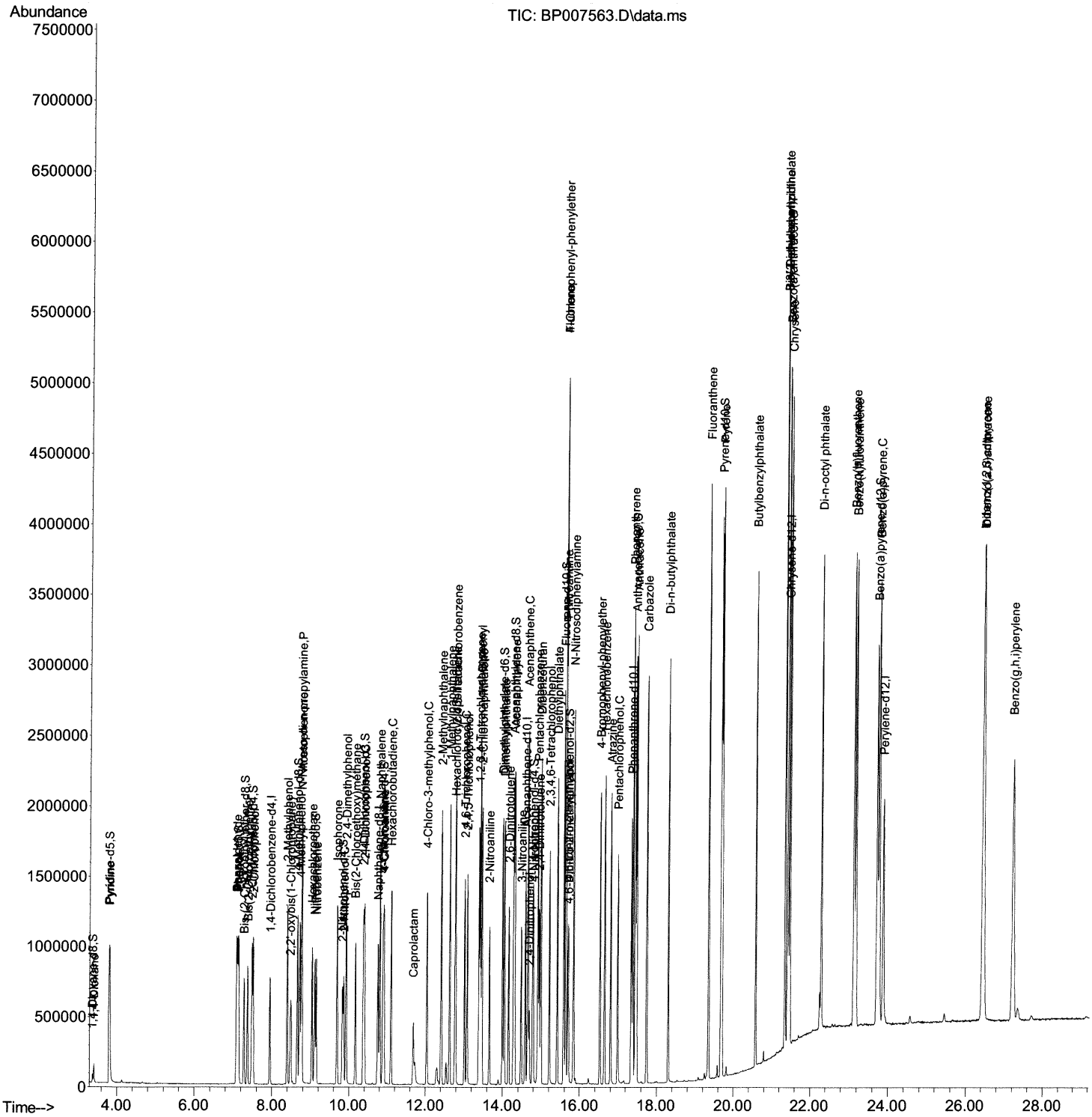

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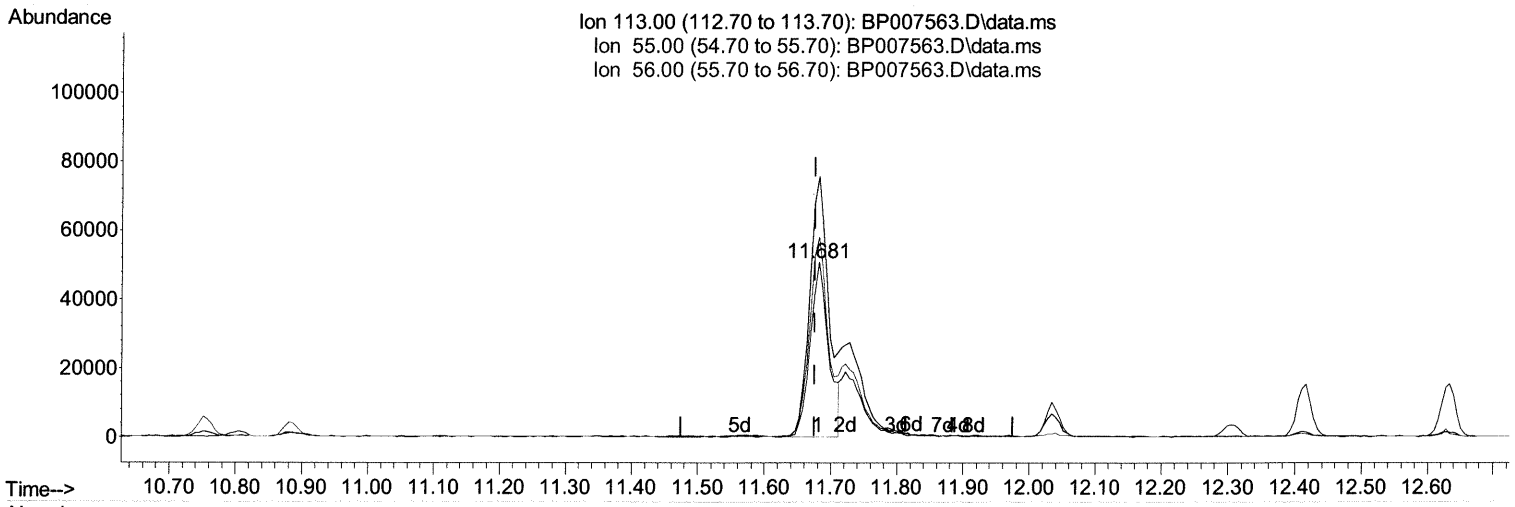

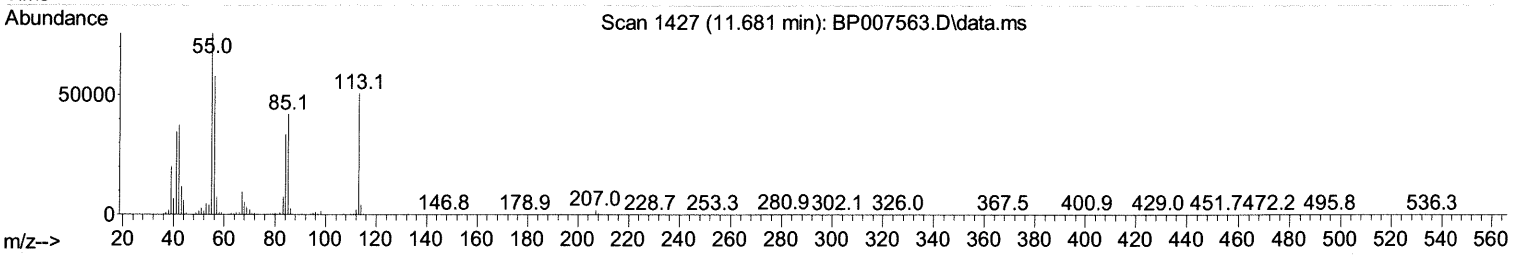

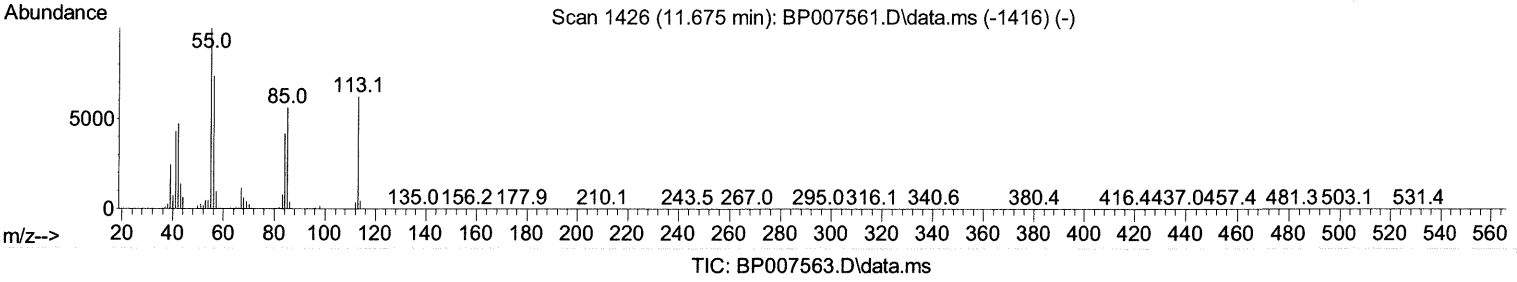

TIC: BP007563.D\data.ms

(34) Caprolactam

11.681min (+ 0.006) 30.97 ng/ul

response 97404

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	149.25
56.00	120.30	114.60
0.00	0.00	0.00

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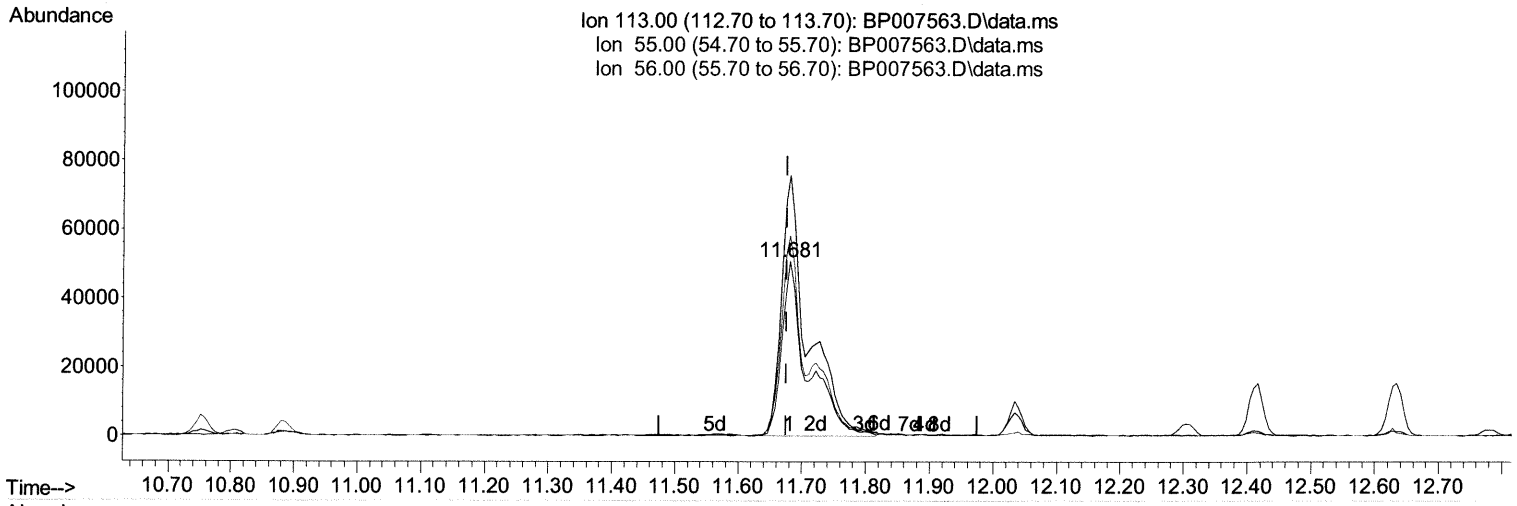

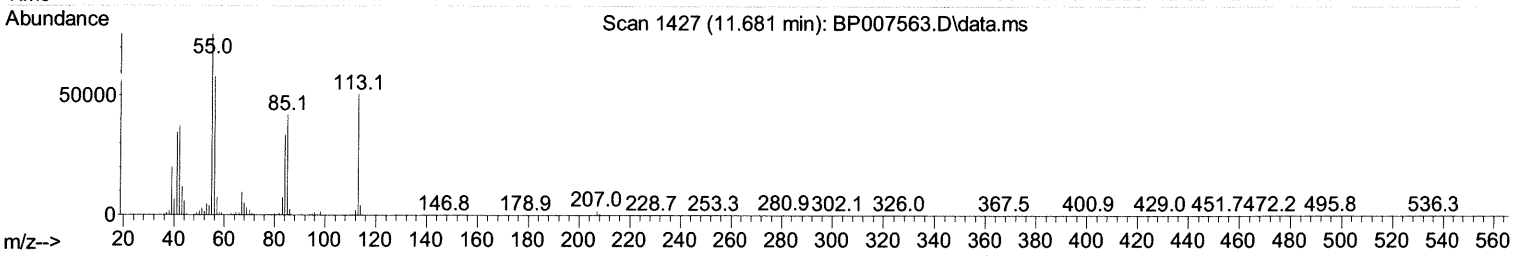

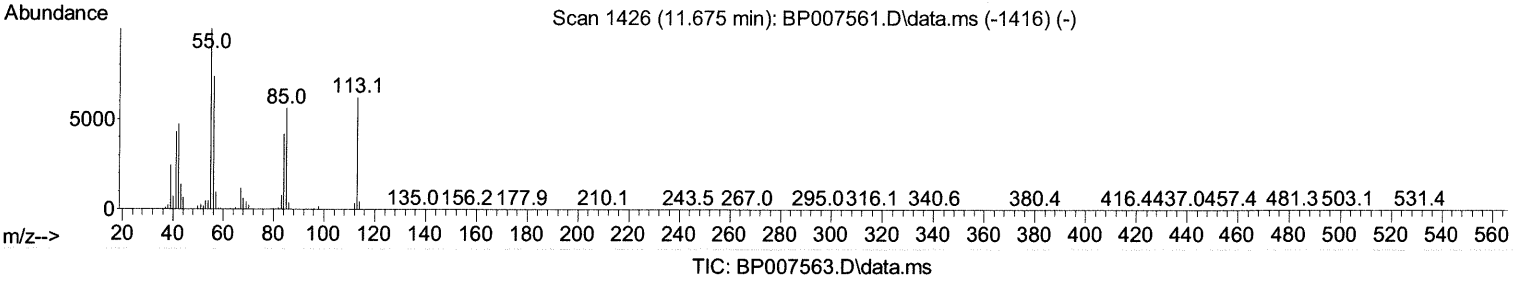

TIC: BP007563.D\data.ms

(34) Caprolactam

11.681min (+ 0.006) 44.76 ng/ul m 10/22/21 JU

response 140762

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	149.25
56.00	120.30	114.60
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	208604	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	845963	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	531765	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	1143235	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	1153818	20.000	ng/ul	0.00
88) Perylene-d12	23.874	264	1225339	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	31813	6.023	ng/uL	0.00
4) Pyridine-d5	3.793	84	467989	32.369	ng/ul	0.00
7) Phenol-d5	7.110	99	576234	35.372	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	328055	33.763	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	455720	35.559	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	460991	36.737	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	218223	40.762	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	230065	46.007	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	457738	37.529	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	563966	34.192	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	1311211	35.641	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	1605294	34.720	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	243335	41.221	ng/ul	0.00
60) Fluorene-d10	15.581	176	1106820	35.950	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	183581	40.075	ng/ul	0.00
73) Anthracene-d10	17.439	188	1727174	35.574	ng/ul	0.00
81) Pyrene-d10	19.669	212	2113145	36.635	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.715	264	2159267	35.415	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	64517	11.230	ng/uL	96
5) Pyridine	3.811	79	461759	33.022	ng/ul	99
6) Benzaldehyde	7.081	77	348894	38.117	ng/ul	99
8) Phenol	7.134	94	578789	34.749	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.369	93	451665	33.600	ng/ul	99
12) 2-Chlorophenol	7.510	128	455959	34.655	ng/ul	99
13) 2-Methylphenol	8.393	108	434902	34.664	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.481	45	528748	30.867	ng/ul	98
16) Acetophenone	8.769	105	657719	34.264	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.763	70	318514	32.073	ng/ul	94
18) 4-Methylphenol	8.722	108	465661	34.846	ng/ul	97
19) Hexachloroethane	9.034	117	185539	33.681	ng/ul	97
22) Nitrobenzene	9.151	77	497053	36.161	ng/ul	97
23) Isophorone	9.681	82	931073	32.356	ng/ul	98
25) 2-Nitrophenol	9.863	139	245098	42.284	ng/ul	95
26) 2,4-Dimethylphenol	9.928	107	503935	34.050	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.163	93	591107	33.151	ng/ul	99
29) 2,4-Dichlorophenol	10.398	162	438511	36.578	ng/ul	98
30) Naphthalene	10.804	128	1368784	33.270	ng/ul	100
32) 4-Chloroaniline	10.910	127	562838	33.724	ng/ul	100
33) Hexachlorobutadiene	11.104	225	306140	36.372	ng/ul	98
34) Caprolactam	11.681	113	140762m	> 44.761	ng/ul	> 10/26/21 JJ
35) 4-Chloro-3-methylphenol	12.034	107	470745	36.147	ng/ul	99

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10/22/2021 2:54:55 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.416	142	941378	33.479	ng/ul	98
37) 1-Methylnaphthalene	12.634	142	950038	33.375	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.781	216	551410	35.874	ng/ul	99
40) Hexachlorocyclopentadiene	12.769	237	266509	27.497	ng/ul	98
41) 2,4,6-Trichlorophenol	13.022	196	358159	39.626	ng/ul	98
42) 2,4,5-Trichlorophenol	13.087	196	398695	42.370	ng/ul	98
43) 1,1'-Biphenyl	13.422	154	1264189	33.355	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	983843	33.701	ng/ul	99
45) 2-Nitroaniline	13.657	65	277151	40.834	ng/ul	93
47) Dimethylphthalate	14.045	163	1247810	34.147	ng/ul	100
48) 2,6-Dinitrotoluene	14.157	165	254515	42.001	ng/ul	92
50) Acenaphthylene	14.304	152	1565537	33.584	ng/ul	100
51) 3-Nitroaniline	14.481	138	269436	39.904	ng/ul#	98
52) Acenaphthene	14.651	153	1017614	33.712	ng/ul	100
53) 2,4-Dinitrophenol	14.686	184	114216	40.802	ng/ul	93
55) 4-Nitrophenol	14.792	109	200433	37.583	ng/ul	96
56) Dibenzofuran	14.986	168	1495411	34.119	ng/ul	99
57) 2,4-Dinitrotoluene	14.945	165	365882	42.988	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.210	232	325365	41.668	ng/ul	98
59) Diethylphthalate	15.410	149	1245576	34.186	ng/ul	99
61) Fluorene	15.633	166	1134651	34.167	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.633	204	592976	35.069	ng/ul	99
63) 4-Nitroaniline	15.645	138	264030	44.109	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.710	198	179894	37.964	ng/ul	99
67) N-Nitrosodiphenylamine	15.839	169	1047505	34.033	ng/ul	100
68) 4-Bromophenyl-phenylether	16.528	248	392206	38.084	ng/ul	97
69) Hexachlorobenzene	16.645	284	445792	35.987	ng/ul	98
70) Atrazine	16.804	200	403740	34.650	ng/ul	98
71) Pentachlorophenol	16.986	266	282421	41.185	ng/ul	99
72) Phenanthrene	17.380	178	1960243	34.298	ng/ul	99
74) Anthracene	17.475	178	1946293	34.049	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.387	216	551277	33.246	ng/uL	99
76) Pentachlorobenzene	14.910	250	527166	34.105	ng/uL	99
77) Carbazole	17.739	167	1818400	36.215	ng/ul	100
78) Di-n-butylphthalate	18.298	149	2150484	34.863	ng/ul	99
80) Fluoranthene	19.345	202	2454324	34.292	ng/ul	99
82) Pyrene	19.698	202	2437065	33.768	ng/ul	99
83) Butylbenzylphthalate	20.574	149	994963	37.549	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.339	252	787671	35.880	ng/ul	98
85) Benzo(a)anthracene	21.410	228	2505783	35.346	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	1426440	35.211	ng/ul	99
87) Chrysene	21.463	228	2368302	34.485	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	2534742	36.660	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	2620491	35.137	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	2477484	35.627	ng/ul	99
93) Benzo(a)pyrene	23.768	252	2530500	35.472	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.439	276	2995502	36.246	ng/ul	99
95) Dibenzo(a,h)anthracene	26.456	278	2556251	36.325	ng/ul	99
96) Benzo(g,h,i)perylene	27.221	276	2577646	36.216	ng/ul	97

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