Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007511.D
Acq On : 20 Oct 2021 04:57
Operator : CG/JU
Sample : PB140007BS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Quant Time: Oct 20 05:25:42 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 :
SLCS007

Manual Integrations APPROVED
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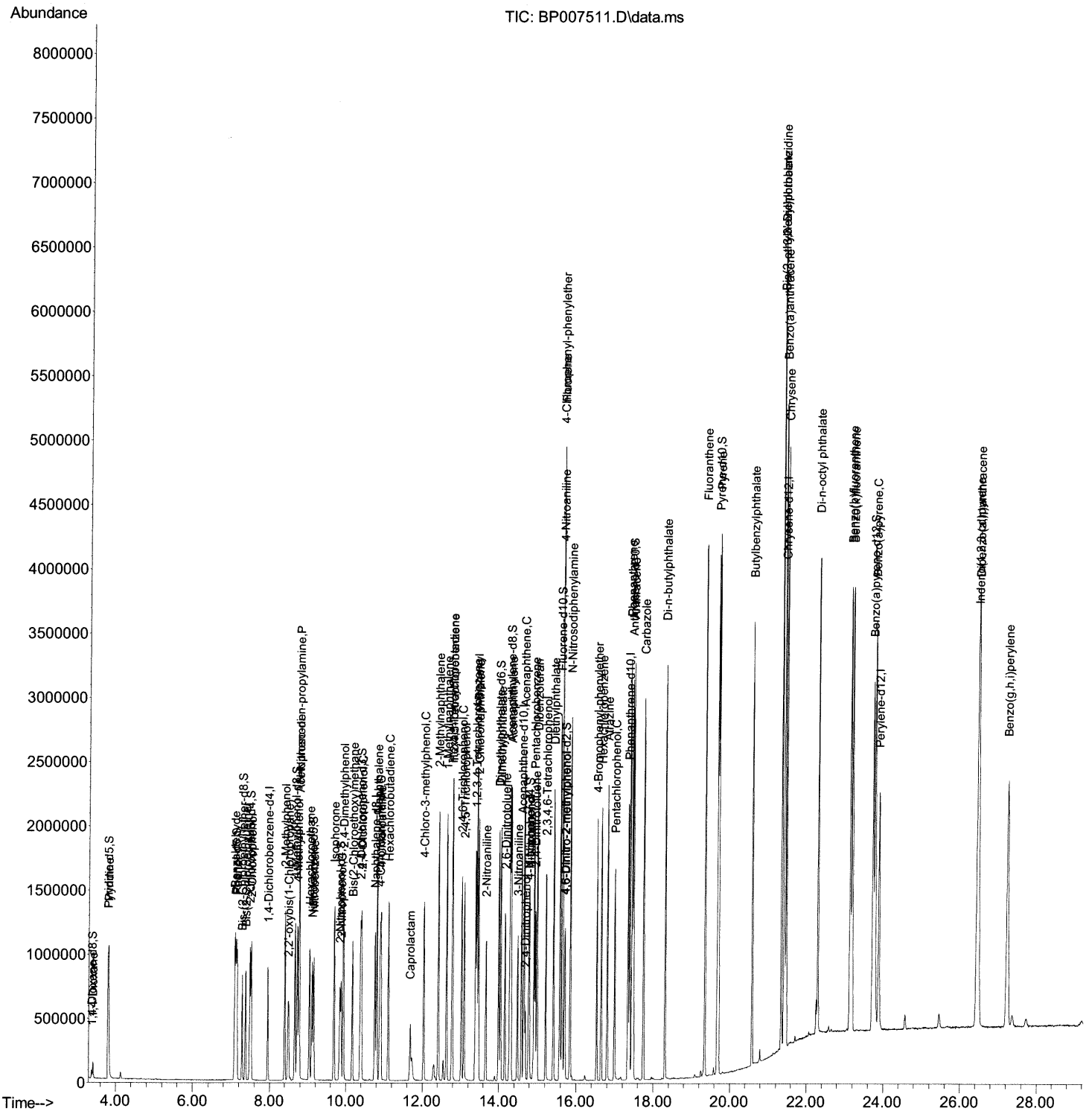

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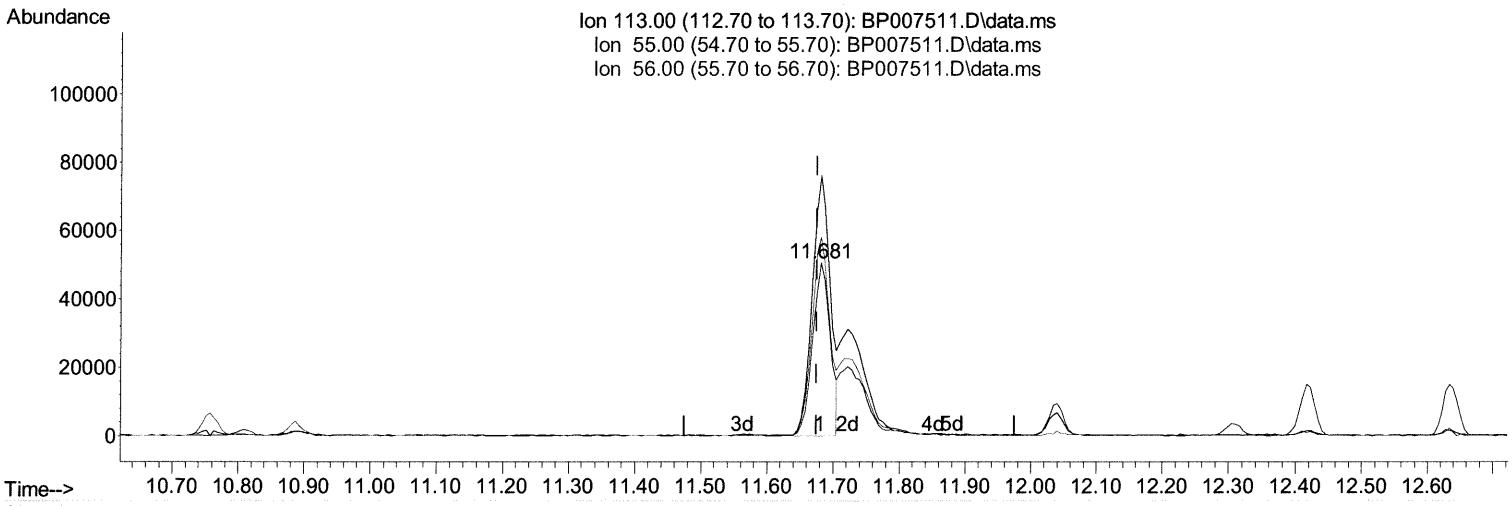

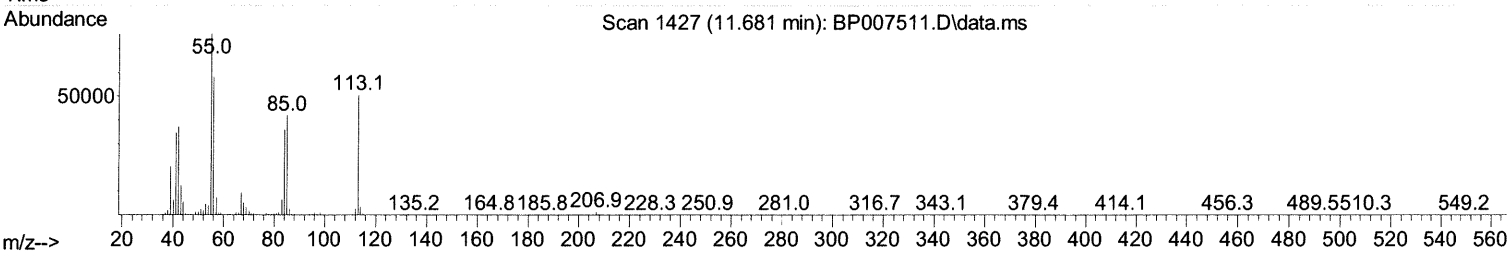

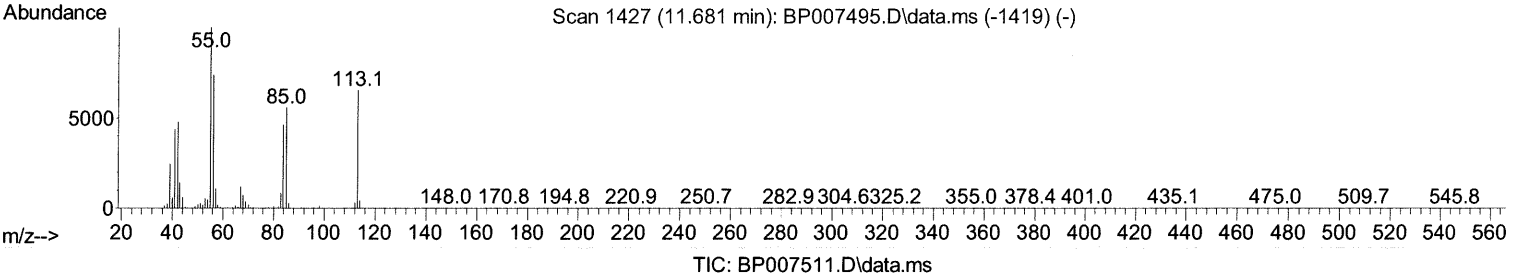

TIC: BP007511.D\data.ms

(34) Caprolactam

11.681min (+ 0.006) 26.31 ng/ul

response 94011

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	150.50
56.00	120.30	114.94
0.00	0.00	0.00

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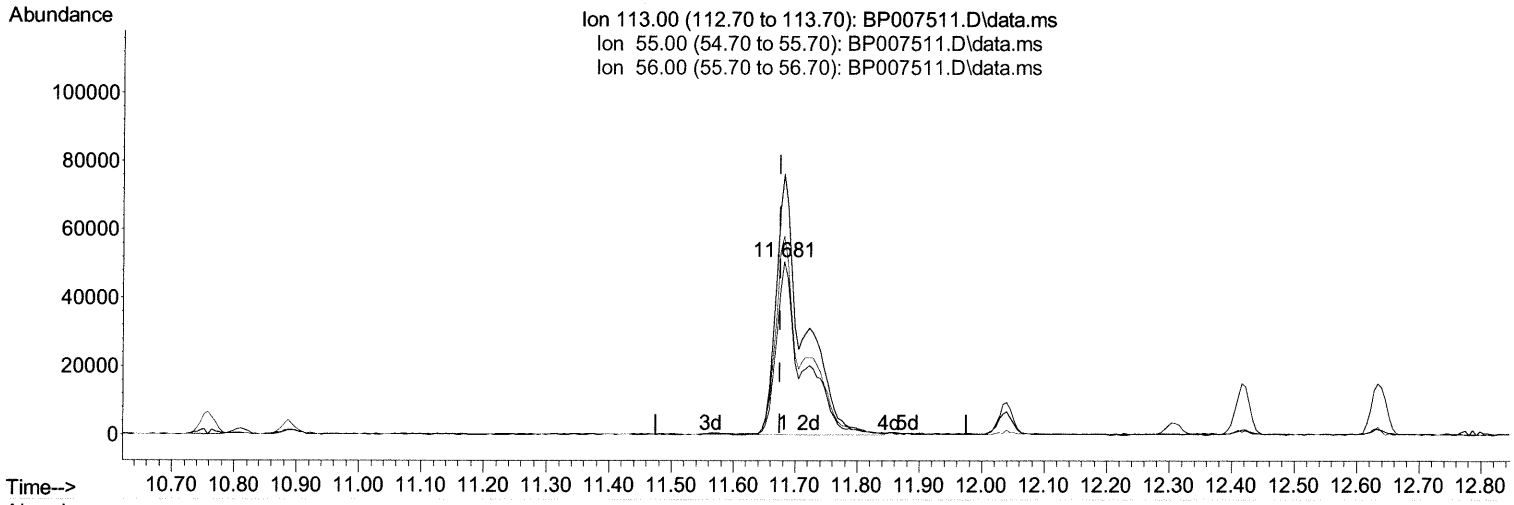

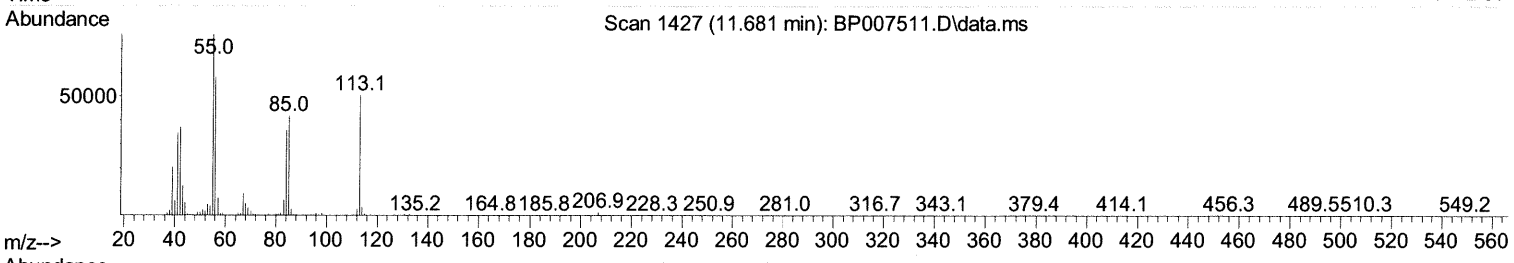

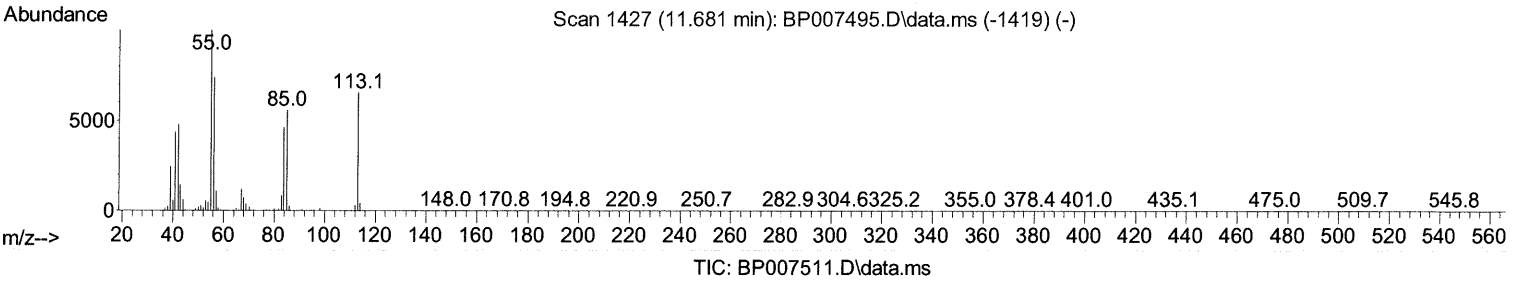

TIC: BP007511.D\data.ms

(34) Caprolactam

11.681min (+ 0.006) 42.33 ng/ul m 10/21/21 JU

response 151245

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	150.50
56.00	120.30	114.94
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	7.952	152	240641	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	961064	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	603463	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.339	188	1296067	20.000	ng/ul	-0.01
79) Chrysene-d12	21.427	240	1305377	20.000	ng/ul	-0.01
88) Perylene-d12	23.874	264	1407348	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	33590	5.513	ng/uL	0.00
4) Pyridine-d5	3.793	84	482921	28.955	ng/ul	0.00
7) Phenol-d5	7.111	99	605405	32.215	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	344321	30.719	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	482168	32.614	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	480271	33.178	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	228345	37.544	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	237481	41.802	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	474074	34.213	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	564854	30.145	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	1348287	32.294	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	1664782	31.729	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	257894	38.497	ng/ul	0.00
60) Fluorene-d10	15.581	176	1145389	32.783	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.698	200	183701	35.373	ng/ul	0.00
73) Anthracene-d10	17.439	188	1789093	32.504	ng/ul	-0.01
81) Pyrene-d10	19.675	212	2193830	33.618	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.715	264	2239555	31.981	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	69661	10.511	ng/uL	89
5) Pyridine	3.811	79	480025	29.758	ng/ul	98
6) Benzaldehyde	7.087	77	374229	35.442	ng/ul	99
8) Phenol	7.140	94	601697	31.315	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.375	93	478638	30.867	ng/ul	96
12) 2-Chlorophenol	7.516	128	470172	30.977	ng/ul	98
13) 2-Methylphenol	8.393	108	454467	31.401	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.487	45	557154	28.195	ng/ul	98
16) Acetophenone	8.775	105	681930	30.796	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.769	70	334325	29.183	ng/ul	94
18) 4-Methylphenol	8.722	108	487116	31.599	ng/ul	99
19) Hexachloroethane	9.040	117	192456	30.286	ng/ul	98
22) Nitrobenzene	9.152	77	512148	32.797	ng/ul	98
23) Isophorone	9.687	82	978668	29.936	ng/ul	97
25) 2-Nitrophenol	9.869	139	248661	37.761	ng/ul	95
26) 2,4-Dimethylphenol	9.928	107	527606	31.380	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.169	93	619057	30.560	ng/ul	99
29) 2,4-Dichlorophenol	10.404	162	447159	32.832	ng/ul	98
30) Naphthalene	10.810	128	1426285	30.515	ng/ul	100
32) 4-Chloroaniline	10.910	127	582855	30.740	ng/ul	99
33) Hexachlorobutadiene	11.110	225	308127	32.224	ng/ul	99
34) Caprolactam	11.681	113	151245m	42.335	ng/ul	10/21/21 JU
35) 4-Chloro-3-methylphenol	12.040	107	483063	32.650	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.416	142	976201	30.559	ng/ul	100
37) 1-Methylnaphthalene	12.634	142	983642	30.417	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.787	216	563872	32.326	ng/ul	98
40) Hexachlorocyclopentadiene	12.775	237	301390	27.402	ng/ul	99
41) 2,4,6-Trichlorophenol	13.022	196	368967	35.972	ng/ul	98
42) 2,4,5-Trichlorophenol	13.093	196	400974	37.549	ng/ul	98
43) 1,1'-Biphenyl	13.422	154	1301860	30.268	ng/ul	100
44) 2-Chloronaphthalene	13.463	162	1005955	30.365	ng/ul	99
45) 2-Nitroaniline	13.663	65	286529	37.200	ng/ul	93
47) Dimethylphthalate	14.045	163	1273024	30.698	ng/ul	99
48) 2,6-Dinitrotoluene	14.157	165	263310	38.290	ng/ul	95
50) Acenaphthylene	14.310	152	1612208	30.476	ng/ul	99
51) 3-Nitroaniline	14.487	138	281508	36.738	ng/ul#	95
52) Acenaphthene	14.651	153	1043114	30.451	ng/ul	99
53) 2,4-Dinitrophenol	14.687	184	116508	36.676	ng/ul	96
55) 4-Nitrophenol	14.792	109	209069	34.544	ng/ul	97
56) Dibenzofuran	14.987	168	1516047	30.480	ng/ul	99
57) 2,4-Dinitrotoluene	14.945	165	379387	39.279	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.216	232	329438	37.177	ng/ul	95
59) Diethylphthalate	15.416	149	1298184	31.396	ng/ul	99
61) Fluorene	15.639	166	1154278	30.629	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.634	204	597858	31.157	ng/ul	99
63) 4-Nitroaniline	15.645	138	279737	41.181	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.710	198	184894	34.418	ng/ul	98
67) N-Nitrosodiphenylamine	15.845	169	1069303	30.645	ng/ul	99
68) 4-Bromophenyl-phenylether	16.534	248	397086	34.011	ng/ul	93
69) Hexachlorobenzene	16.651	284	455355	32.424	ng/ul	96
70) Atrazine	16.804	200	426054	32.253	ng/ul	99
71) Pentachlorophenol	16.992	266	282861	36.385	ng/ul	99
72) Phenanthrene	17.386	178	2006773	30.972	ng/ul	100
74) Anthracene	17.475	178	2005523	30.948	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.393	216	561925	29.892	ng/uL	99
76) Pentachlorobenzene	14.910	250	534322	30.492	ng/uL	98
77) Carbazole	17.739	167	1891680	33.232	ng/ul	100
78) Di-n-butylphthalate	18.304	149	2283489	32.654	ng/ul	100
80) Fluoranthene	19.351	202	2544221	31.421	ng/ul	98
82) Pyrene	19.698	202	2533116	31.023	ng/ul	100
83) Butylbenzylphthalate	20.580	149	1054340	35.170	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.339	252	815903	32.851	ng/ul	99
85) Benzo(a)anthracene	21.410	228	2570961	32.055	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	1504433	32.825	ng/ul	99
87) Chrysene	21.469	228	2443705	31.452	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	2693222	33.914	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	2696185	31.477	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	2593925	32.477	ng/ul	99
93) Benzo(a)pyrene	23.768	252	2643281	32.261	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.439	276	3105030	32.713	ng/ul	99
95) Dibenzo(a,h)anthracene	26.462	278	2641140	32.677	ng/ul	98
96) Benzo(g,h,i)perylene	27.227	276	2673406	32.703	ng/ul	97

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