Quantitation Report (QT Reviewed)

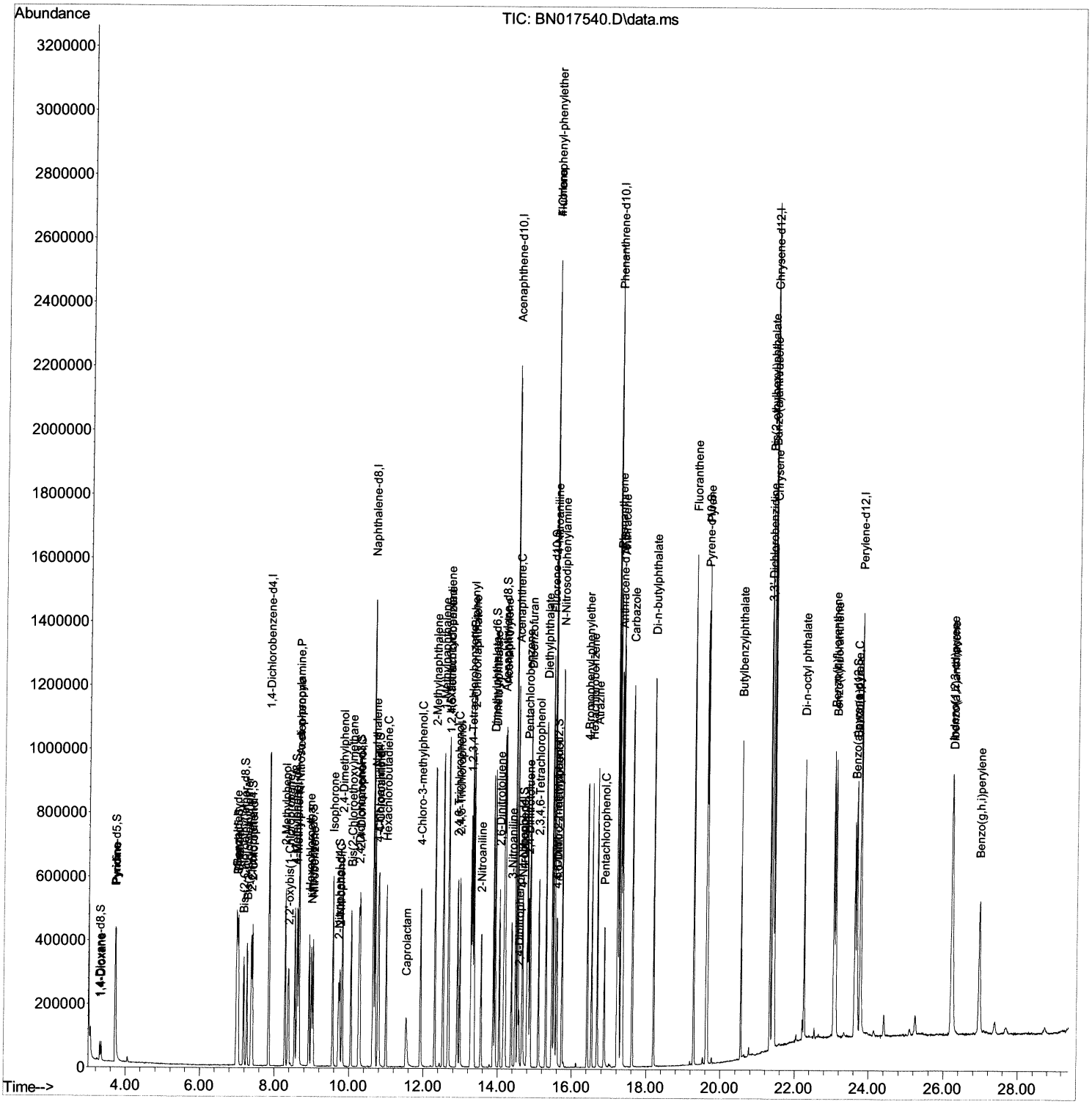
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112221\
Data File : BN017540.D
Acq On : 22 Nov 2021 11:02
Operator : CG/JU
Sample : SSTD01046
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 22 14:51:23 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN112221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 22 14:49:39 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD010246

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



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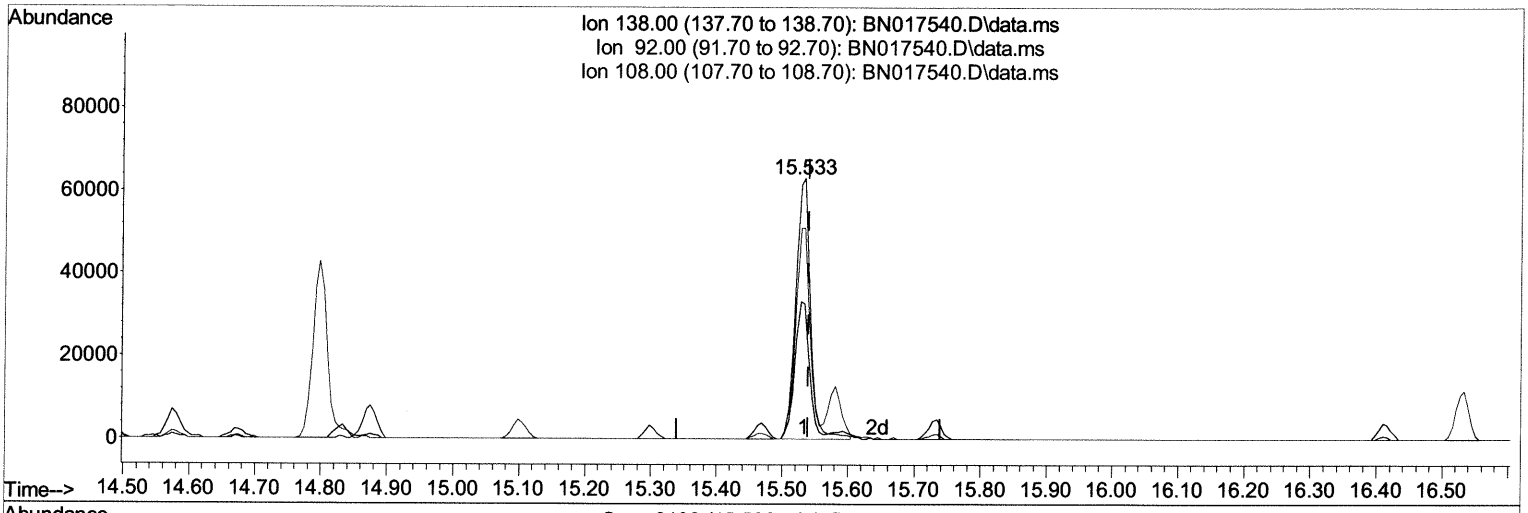

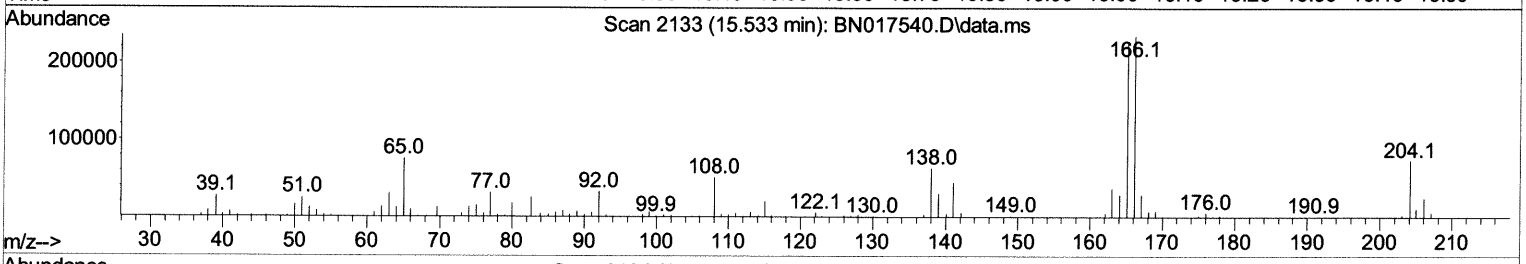

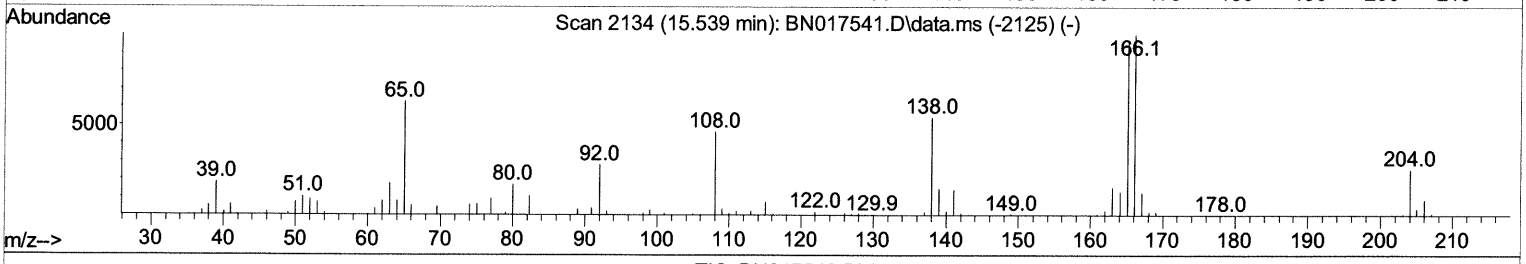

TIC: BN017540.D\data.ms

(63) 4-Nitroaniline

15.533min (-0.006) 7.81 ng/ul

response 98015

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.70	51.79
108.00	70.90	80.91
0.00	0.00	0.00

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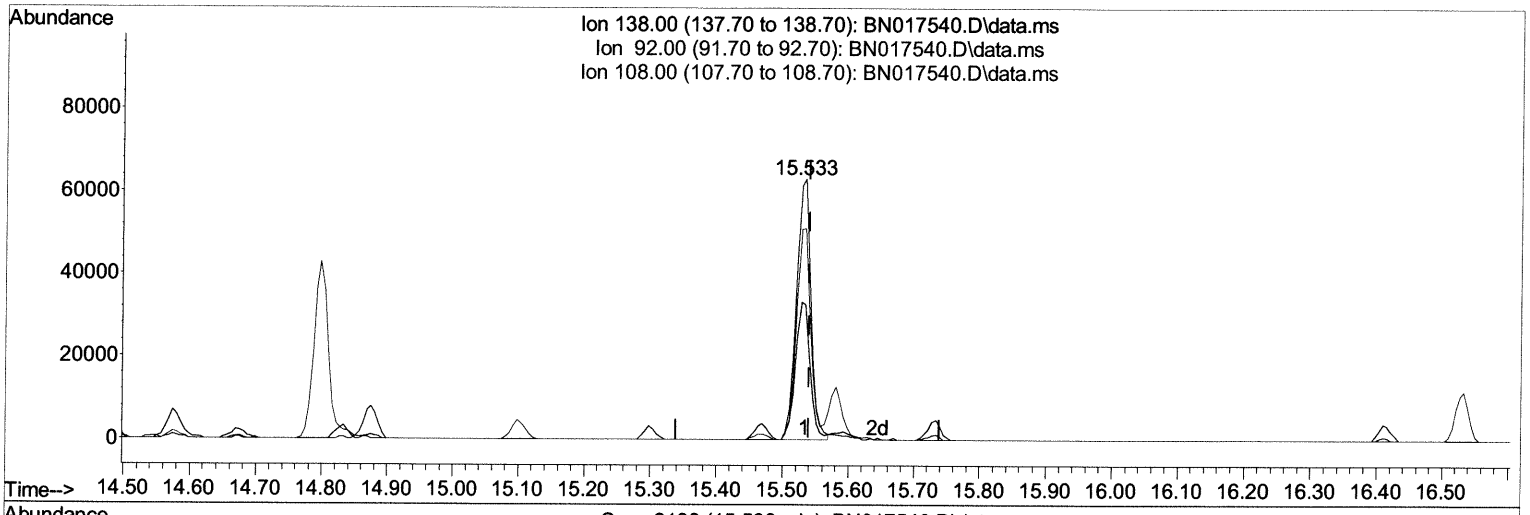

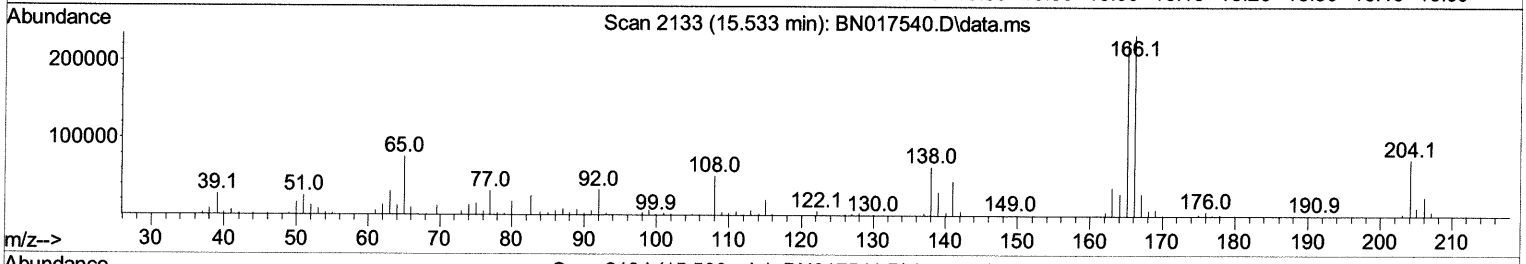

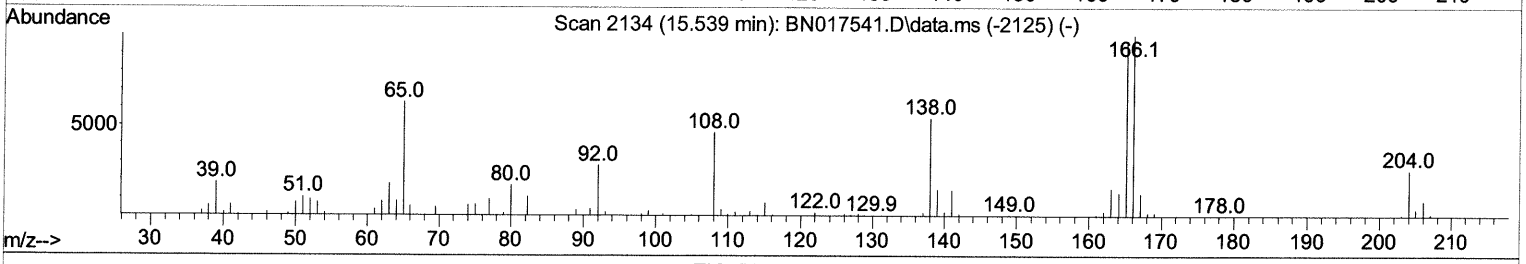

TIC: BN017540.D\data.ms

(63) 4-Nitroaniline

15.533min (-0.006) 7.66 ng/ul m 11/30/21 JD

response 96097

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.70	51.79
108.00	70.90	80.91
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	7.846	152	260892	20.000	ng/ul	0.00
20) Naphthalene-d8	10.639	136	1159897	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	743239	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.221	188	1470062	20.000	ng/ul	0.00
79) Chrysene-d12	21.410	240	1091170	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	891859	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	28944	4.019	ng/uL	0.00
4) Pyridine-d5	3.710	84	178553	9.256	ng/ul	0.00
7) Phenol-d5	7.004	99	225248	9.291	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	153141	10.643	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	175939	9.228	ng/ul	0.00
15) 4-Methylphenol-d8	8.545	113	181526	9.173	ng/ul	0.00
21) Nitrobenzene-d5	8.992	128	82131	9.143	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	78792	7.923	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	167942	9.218	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	251968	9.286	ng/ul	0.00
46) Dimethylphthalate-d6	13.886	166	554278	9.962	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	700160	9.982	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	79764	7.265	ng/ul	0.00
60) Fluorene-d10	15.469	176	478245	10.063	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	62347	6.550	ng/ul	0.00
73) Anthracene-d10	17.316	188	706547	9.955	ng/ul	0.00
81) Pyrene-d10	19.615	212	726835	11.358	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	455721	9.614	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	28445	3.994	ng/uL	96
5) Pyridine	3.728	79	187403	9.599	ng/ul	96
6) Benzaldehyde	6.981	77	152789	10.578	ng/ul	93
8) Phenol	7.028	94	236634	9.649	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.263	93	202818	10.525	ng/ul	98
12) 2-Chlorophenol	7.404	128	183576	9.311	ng/ul	94
13) 2-Methylphenol	8.281	108	175162	9.388	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.375	45	275786	9.755	ng/ul	98
16) Acetophenone	8.657	105	299418	10.209	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.645	70	149616	10.162	ng/ul	98
18) 4-Methylphenol	8.604	108	195155	9.467	ng/ul	95
19) Hexachloroethane	8.928	117	77706	10.234	ng/ul	95
22) Nitrobenzene	9.040	77	221987	10.990	ng/ul	94
23) Isophorone	9.563	82	415533	10.132	ng/ul	96
25) 2-Nitrophenol	9.751	139	90144	8.325	ng/ul#	92
26) 2,4-Dimethylphenol	9.810	107	222408	10.250	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.051	93	278779	10.628	ng/ul	99
29) 2,4-Dichlorophenol	10.281	162	172659	9.542	ng/ul	97
30) Naphthalene	10.687	128	638865	10.124	ng/ul	100
32) 4-Chloroaniline	10.792	127	267719	9.973	ng/ul	99
33) Hexachlorobutadiene	10.987	225	114217	10.366	ng/ul	98
34) Caprolactam	11.534	113	44567	6.845	ng/ul	96
35) 4-Chloro-3-methylphenol	11.922	107	196692	9.770	ng/ul	97

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.304	142	432719	9.932 ng/ul	99
37) 1-Methylnaphthalene	12.522	142	444073	9.895 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.675	216	220523	10.180 ng/ul	94
40) Hexachlorocyclopentadiene	12.663	237	123925	9.001 ng/ul	93
41) 2,4,6-Trichlorophenol	12.910	196	125192	8.913 ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	136961	8.756 ng/ul	96
43) 1,1'-Biphenyl	13.310	154	598997	10.409 ng/ul	99
44) 2-Chloronaphthalene	13.351	162	451957	10.313 ng/ul	96
45) 2-Nitroaniline	13.545	65	112429	9.424 ng/ul	90
47) Dimethylphthalate	13.933	163	556197	9.953 ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	95070	8.664 ng/ul#	83
50) Acenaphthylene	14.198	152	736288	10.249 ng/ul	99
51) 3-Nitroaniline	14.369	138	99273	7.817 ng/ul#	83
52) Acenaphthene	14.539	153	464950	10.009 ng/ul	95
53) 2,4-Dinitrophenol	14.575	184	34258	4.881 ng/ul	92
55) 4-Nitrophenol	14.675	109	71744	9.260 ng/ul#	82
56) Dibenzofuran	14.875	168	678609	10.232 ng/ul	98
57) 2,4-Dinitrotoluene	14.833	165	140642	8.887 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.098	232	106349	8.236 ng/ul	98
59) Diethylphthalate	15.298	149	558998	10.032 ng/ul	99
61) Fluorene	15.522	166	529739	10.132 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.522	204	254626	9.905 ng/ul	91
63) 4-Nitroaniline	15.533	138	96097m >	7.657 ng/ul >	11Bo/a1Ju
66) 4,6-Dinitro-2-methylph...	15.592	198	63510	6.687 ng/ul#	86
67) N-Nitrosodiphenylamine	15.733	169	459572	10.271 ng/ul	98
68) 4-Bromophenyl-phenylether	16.416	248	148413	9.474 ng/ul	92
69) Hexachlorobenzene	16.533	284	159458	8.747 ng/ul#	91
70) Atrazine	16.680	200	148701	9.057 ng/ul	99
71) Pentachlorophenol	16.874	266	70973	6.485 ng/ul	99
72) Phenanthrene	17.263	178	841502	10.389 ng/ul	99
74) Anthracene	17.351	178	838091	10.218 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.275	216	228267	10.622 ng/uL	94
76) Pentachlorobenzene	14.798	250	211153	9.703 ng/uL	91
77) Carbazole	17.621	167	713345	9.850 ng/ul	100
78) Di-n-butylphthalate	18.198	149	812918	9.497 ng/ul	98
80) Fluoranthene	19.280	202	877237	11.479 ng/ul	99
82) Pyrene	19.645	202	911967	11.659 ng/ul	97
83) Butylbenzylphthalate	20.551	149	259419	8.907 ng/ul	93
84) 3,3'-Dichlorobenzidine	21.327	252	190248	7.832 ng/ul	98
85) Benzo(a)anthracene	21.392	228	714967	9.953 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	389513	8.861 ng/ul#	96
87) Chrysene	21.445	228	714088	10.086 ng/ul	99
89) Di-n-octyl phthalate	22.251	149	524092	8.040 ng/ul	100
90) Benzo(b)fluoranthene	23.056	252	632125	10.499 ng/ul	97
91) Benzo(k)fluoranthene	23.104	252	565080	9.648 ng/ul	99
93) Benzo(a)pyrene	23.668	252	584121	10.082 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.215	276	593816	10.047 ng/ul	96
95) Dibenzo(a,h)anthracene	26.233	278	519016	10.389 ng/ul	96
96) Benzo(g,h,i)perylene	26.962	276	503750	10.180 ng/ul	97

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