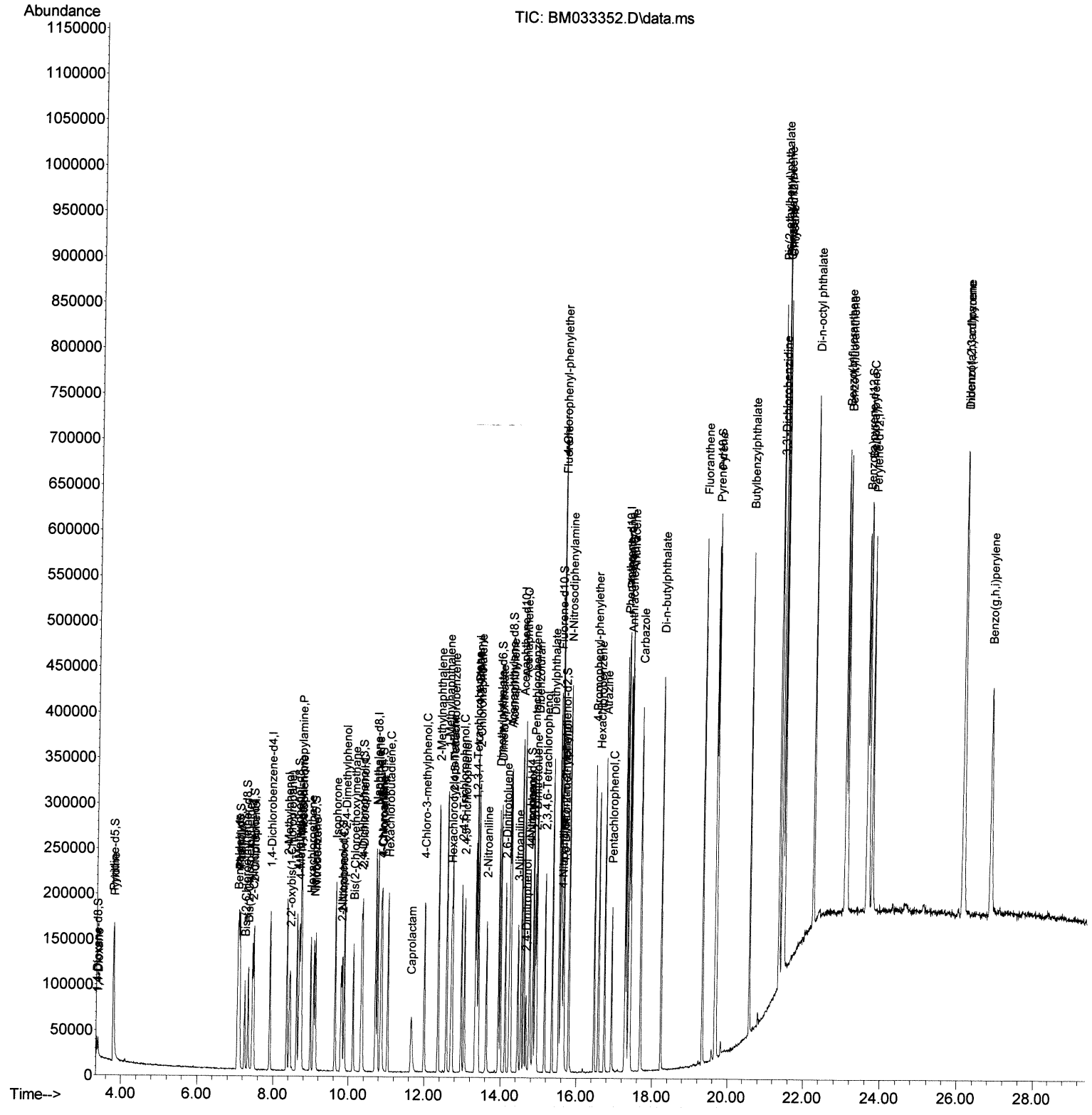
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033352.D
Acq On : 09 Dec 2021 10:52
Operator : CG/JU
Sample : SSTD02013
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 09 13:01:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:01:40 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020013

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



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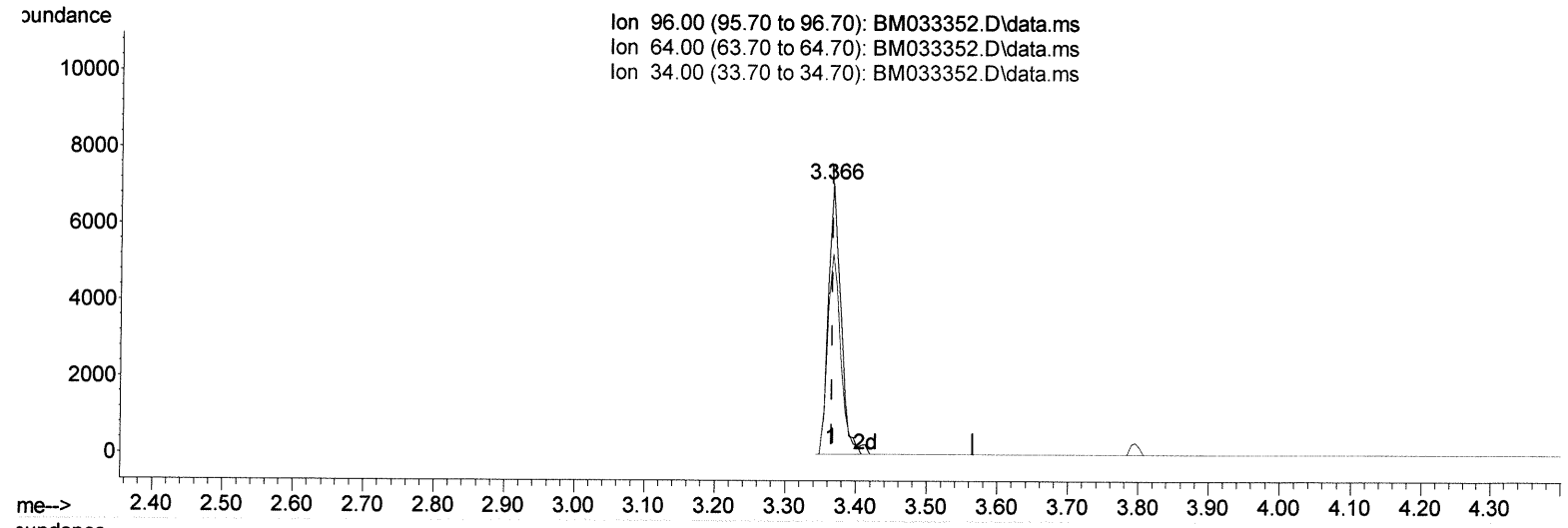

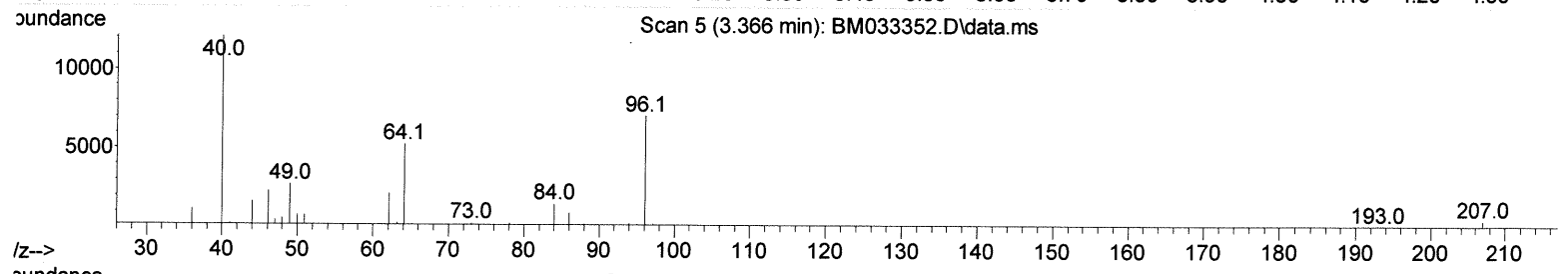

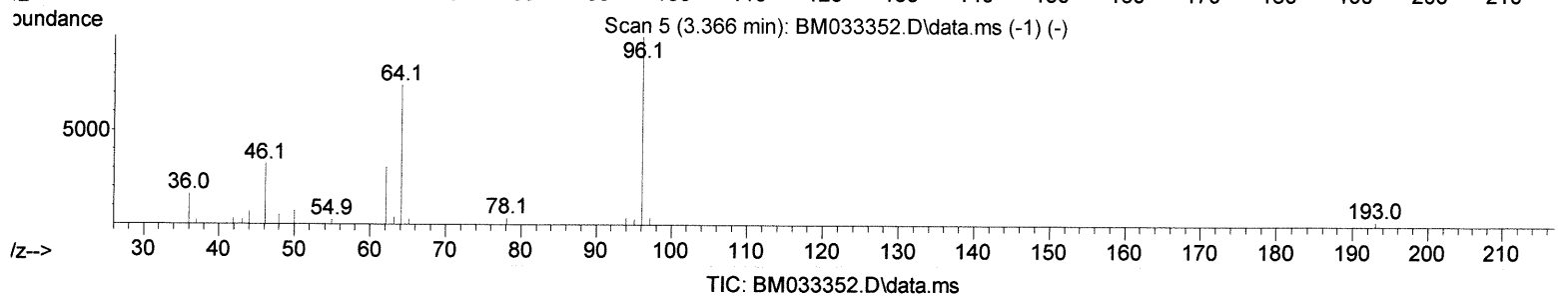

TIC: BM033352.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.366min (0.000) 6.86 ng/uL

response 7693

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.20	74.17
34.00	0.00	0.00
0.00	0.00	0.00

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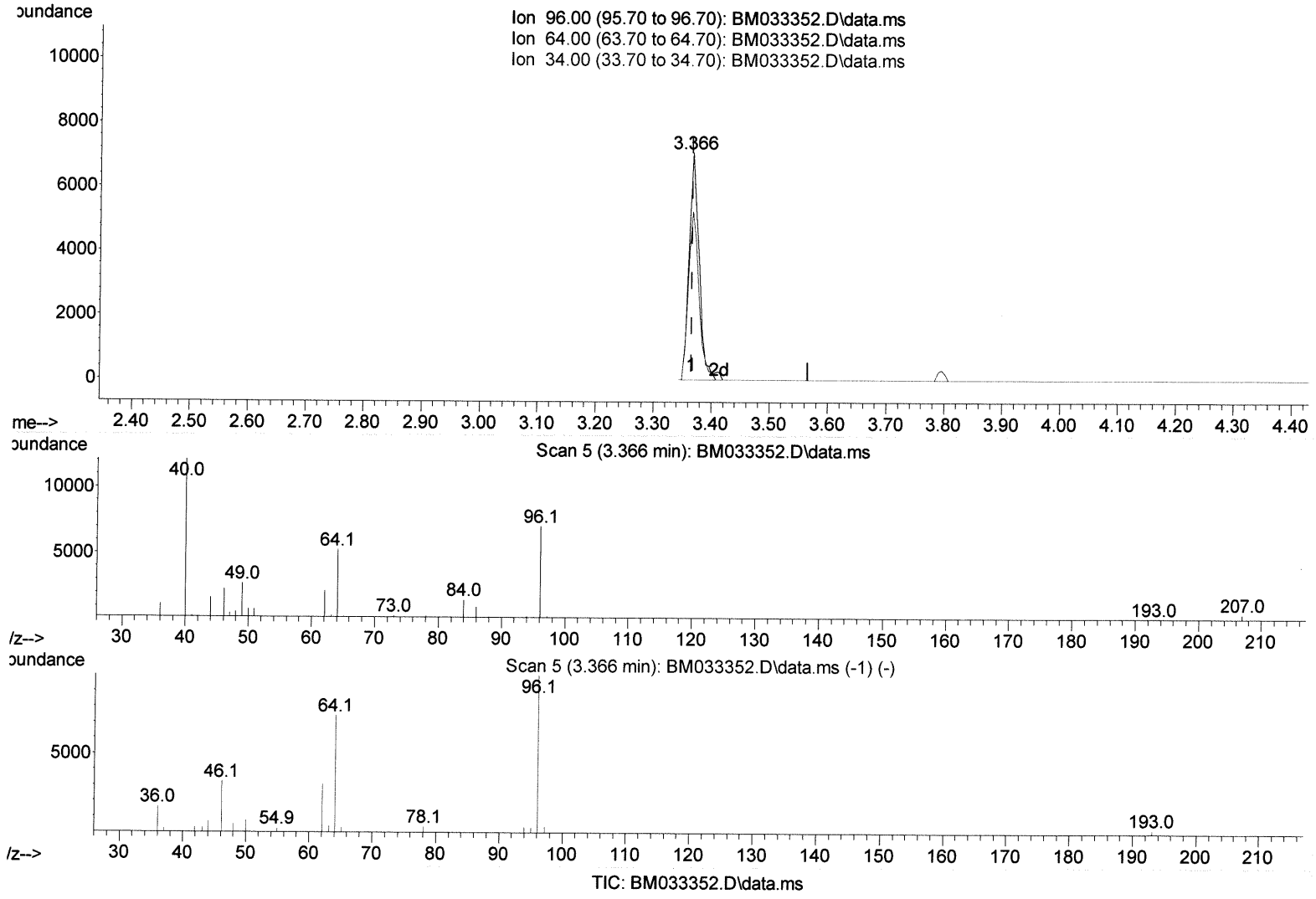

(3) 1,4-Dioxane-d8 (S)

3.366min (0.000) 7.75 ng/uL m

JR 12/25/21

response 8694

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.20	74.17
34.00	0.00	0.00
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	7.913	152	43237	20.000	ng/ul	0.00
20) Naphthalene-d8	10.707	136	178084	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.536	164	119509	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	259377	20.000	ng/ul	0.00
79) Chrysene-d12	21.436	240	280357	20.000	ng/ul	0.00
88) Perylene-d12	23.759	264	280809	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.366	96	8694m	7.752	ng/uL	0.00 JU 12/25/21
4) Pyridine-d5	3.784	84	58096	18.805	ng/ul	0.00
7) Phenol-d5	7.084	99	68758	18.800	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.242	67	46405	20.004	ng/ul	0.00
11) 2-Chlorophenol-d4	7.448	132	51526	18.601	ng/ul	0.00
15) 4-Methylphenol-d8	8.619	113	53992	19.022	ng/ul	0.00
21) Nitrobenzene-d5	9.072	128	26010	20.343	ng/ul	0.00
24) 2-Nitrophenol-d4	9.795	143	27069	21.139	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.330	165	53475	18.236	ng/ul	0.00
31) 4-Chloroaniline-d4	10.848	131	72677	18.637	ng/ul	0.00
46) Dimethylphthalate-d6	13.942	166	165694	18.902	ng/ul	0.00
49) Acenaphthylene-d8	14.230	160	209167	18.522	ng/ul	0.00
54) 4-Nitrophenol-d4	14.748	143	26239	18.376	ng/ul	0.00
60) Fluorene-d10	15.524	176	150202	19.101	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.642	200	25657	21.048	ng/ul	0.00
73) Anthracene-d10	17.371	188	244257	19.536	ng/ul	0.00
81) Pyrene-d10	19.659	212	285949	17.260	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.612	264	282168	18.723	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.401	88	9556	8.392	ng/uL	100
5) Pyridine	3.807	79	58109	18.433	ng/ul	100
6) Benzaldehyde	7.054	77	52728	25.297	ng/ul	100
8) Phenol	7.107	94	72772	19.981	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.337	93	55870	19.311	ng/ul	100
12) 2-Chlorophenol	7.478	128	53187	18.603	ng/ul	100
13) 2-Methylphenol	8.354	108	51559	18.480	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.436	45	98259	21.990	ng/ul	100
16) Acetophenone	8.736	105	90502	20.201	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.713	70	51230	21.224	ng/ul	100
18) 4-Methylphenol	8.683	108	56637	19.365	ng/ul	100
19) Hexachloroethane	8.983	117	27150	20.845	ng/ul	100
22) Nitrobenzene	9.113	77	78989	22.137	ng/ul	100
23) Isophorone	9.636	82	132452	20.309	ng/ul	100
25) 2-Nitrophenol	9.825	139	29620	21.823	ng/ul	100
26) 2,4-Dimethylphenol	9.883	107	70678	19.819	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.119	93	75913	19.560	ng/ul	100
29) 2,4-Dichlorophenol	10.360	162	52337	18.406	ng/ul	100
30) Naphthalene	10.754	128	180587	19.070	ng/ul	100
32) 4-Chloroaniline	10.872	127	72935	18.514	ng/ul	100
33) Hexachlorobutadiene	11.036	225	37718	17.029	ng/ul	100
34) Caprolactam	11.654	113	15944	19.504	ng/ul	100
35) 4-Chloro-3-methylphenol	11.989	107	61631	19.904	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.360	142	125139	19.072	ng/ul	100
37) 1-Methylnaphthalene	12.583	142	128479	19.182	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.724	216	67820	17.057	ng/ul	100
40) Hexachlorocyclopentadiene	12.701	237	41738	14.918	ng/ul	100
41) 2,4,6-Trichlorophenol	12.971	196	40859	17.449	ng/ul	100
42) 2,4,5-Trichlorophenol	13.048	196	42496	16.924	ng/ul	100
43) 1,1'-Biphenyl	13.371	154	173074	18.587	ng/ul	100
44) 2-Chloronaphthalene	13.413	162	132292	18.423	ng/ul	100
45) 2-Nitroaniline	13.624	65	47010	24.838	ng/ul	100
47) Dimethylphthalate	13.989	163	162152	18.979	ng/ul	100
48) 2,6-Dinitrotoluene	14.118	165	31725	21.703	ng/ul	100
50) Acenaphthylene	14.260	152	216917	18.929	ng/ul	100
51) 3-Nitroaniline	14.448	138	31934	21.682	ng/ul	100
52) Acenaphthene	14.601	153	142991	19.128	ng/ul	100
53) 2,4-Dinitrophenol	14.654	184	14181	19.007	ng/ul	100
55) 4-Nitrophenol	14.760	109	29404	20.162	ng/ul	100
56) Dibenzofuran	14.936	168	208498	19.029	ng/ul	100
57) 2,4-Dinitrotoluene	14.901	165	47789	23.771	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.160	232	37046	18.075	ng/ul	100
59) Diethylphthalate	15.348	149	170722	19.951	ng/ul	100
61) Fluorene	15.583	166	171554	19.699	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.571	204	84628	18.618	ng/ul	100
63) 4-Nitroaniline	15.612	138	34884	24.087	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.660	198	26465	21.662	ng/ul	100
67) N-Nitrosodiphenylamine	15.789	169	142770	18.715	ng/ul	100
68) 4-Bromophenyl-phenylether	16.465	248	48930	16.964	ng/ul	100
69) Hexachlorobenzene	16.577	284	55756	16.873	ng/ul	100
70) Atrazine	16.736	200	54371	18.445	ng/ul	100
71) Pentachlorophenol	16.924	266	27345	14.316	ng/ul	100
72) Phenanthrene	17.318	178	282664	19.674	ng/ul	100
74) Anthracene	17.406	178	287791	19.974	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.336	216	69637	16.345	ng/uL	100
76) Pentachlorobenzene	14.848	250	69254	16.581	ng/uL	100
77) Carbazole	17.683	167	251733	19.667	ng/ul	100
78) Di-n-butylphthalate	18.230	149	287299	20.527	ng/ul	100
80) Fluoranthene	19.324	202	335155	17.268	ng/ul	100
82) Pyrene	19.683	202	353117	17.918	ng/ul	100
83) Butylbenzylphthalate	20.571	149	131917	19.592	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.353	252	119115	18.859	ng/ul	100
85) Benzo(a)anthracene	21.418	228	337152	18.593	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.341	149	190013	19.910	ng/ul	100
87) Chrysene	21.471	228	337233	19.044	ng/ul	100
89) Di-n-octyl phthalate	22.236	149	340369	19.893	ng/ul	100
90) Benzo(b)fluoranthene	23.053	252	352246	18.625	ng/ul	100
91) Benzo(k)fluoranthene	23.100	252	331507	19.135	ng/ul	100
93) Benzo(a)pyrene	23.653	252	344835	19.293	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.135	276	369691	18.574	ng/ul	100
95) Dibenzo(a,h)anthracene	26.141	278	323553	19.001	ng/ul	100
96) Benzo(g,h,i)perylene	26.859	276	317626	18.386	ng/ul	100

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