Quantitation Report (QT Reviewed)

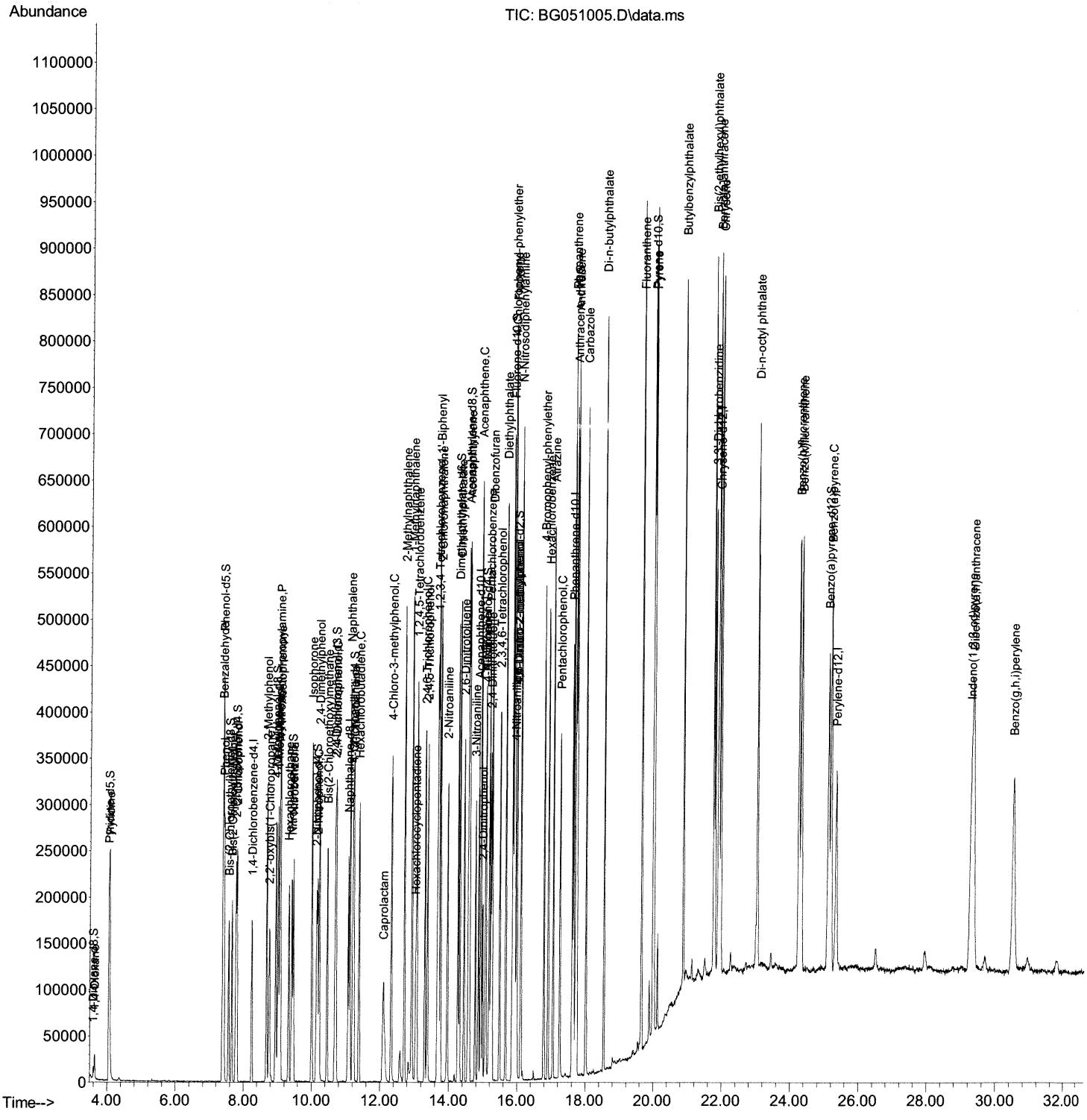
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG051005.D
Acq On : 12 Nov 2021 19:22
Operator : CG/JU
Sample : PB140665BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Nov 15 00:42:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 15 00:27:19 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS665

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



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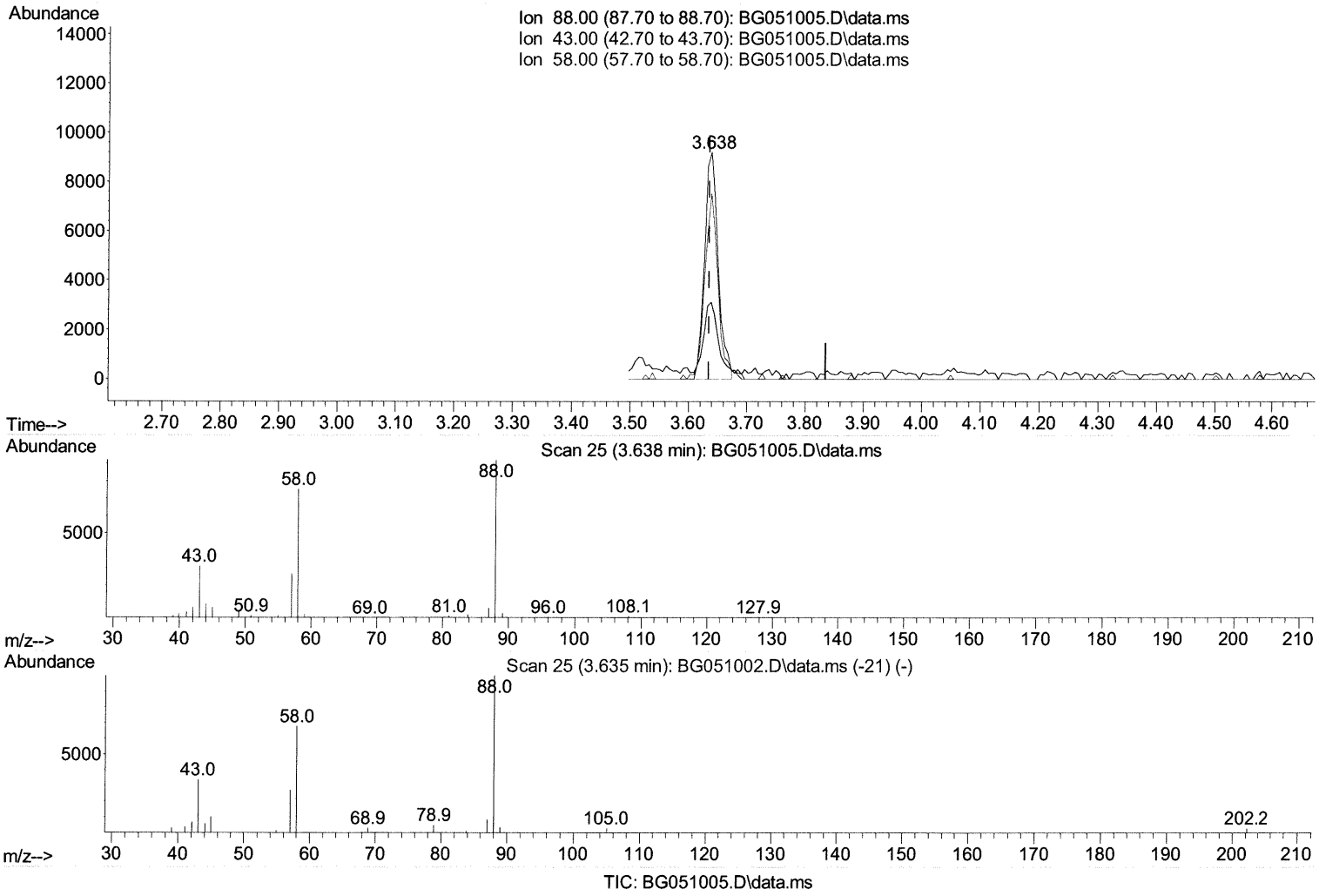

TIC: BG051005.D\data.ms

(2) 1,4-Dioxane

3.638min (+ 0.003) 9.43 ng/uL

response 15028

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	28.70	33.85
58.00	78.00	81.88
0.00	0.00	0.00

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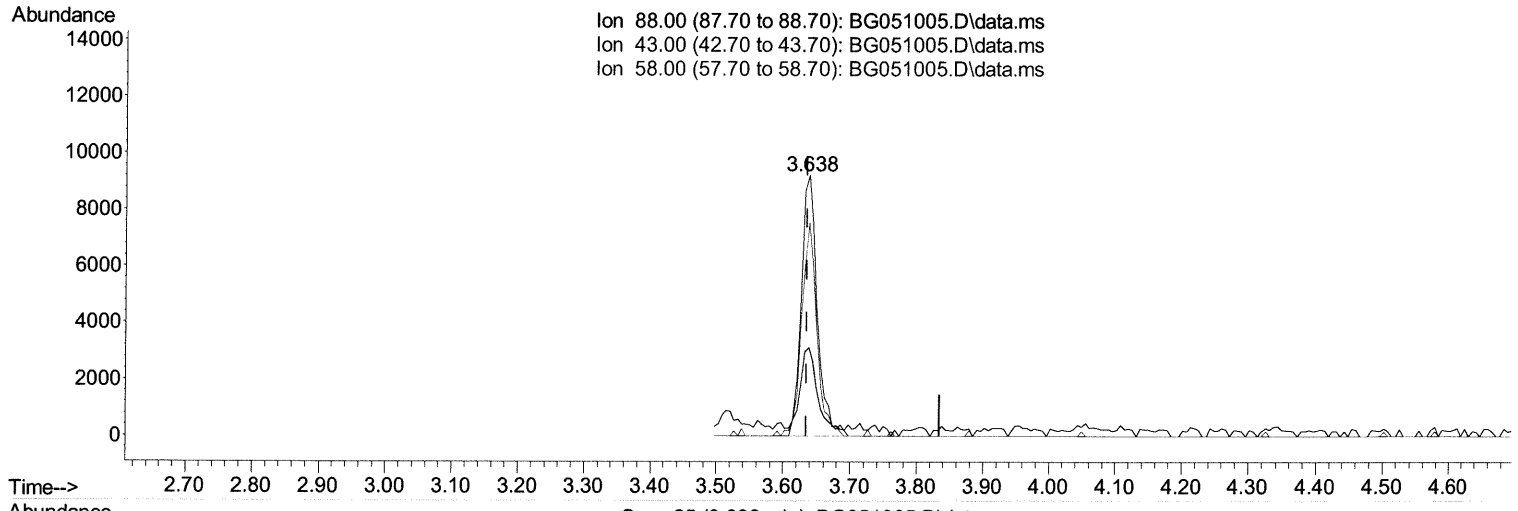

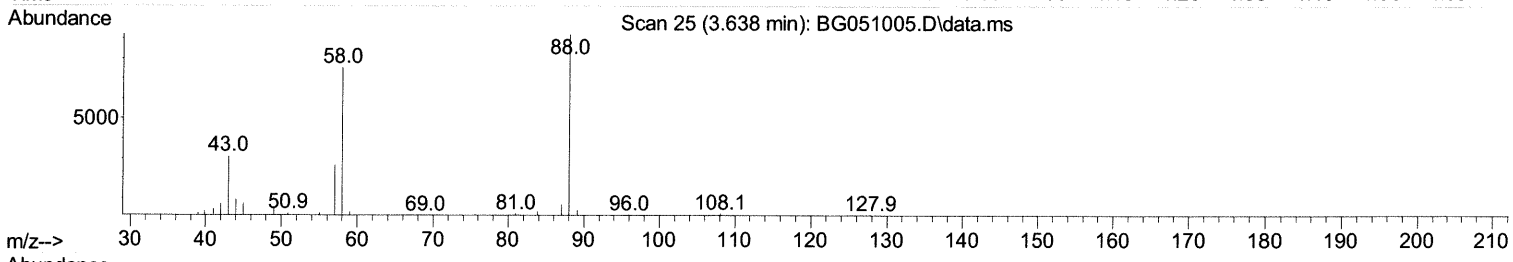

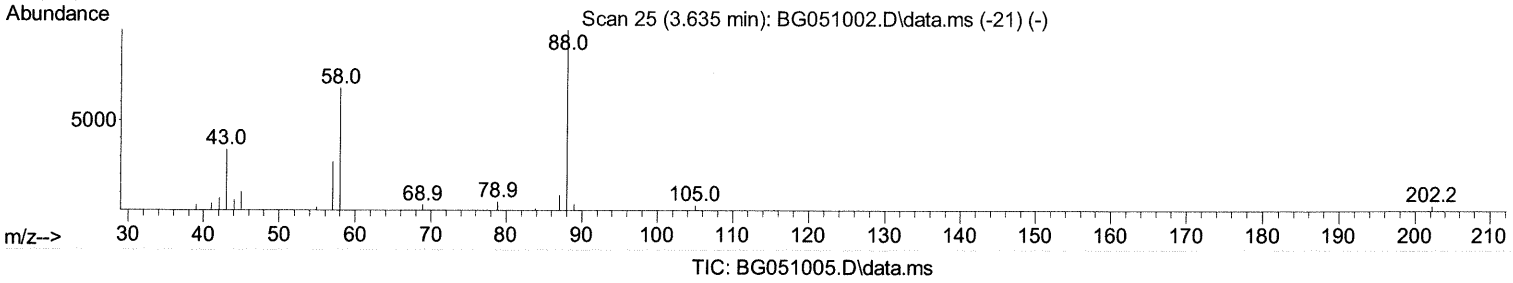

TIC: BG051005.D\data.ms

(2) 1,4-Dioxane

3.638min (+ 0.003) 9.61 ng/uL m 11/7/21 CJU

response 15309

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	28.70	33.85
58.00	78.00	81.88
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	8.239	152	46830	20.000	ng/ul	0.00
20) Naphthalene-d8	11.070	136	212238	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.866	164	137320	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.610	188	294822	20.000	ng/ul	0.00
79) Chrysene-d12	21.917	240	230093	20.000	ng/ul	0.00
88) Perylene-d12	25.330	264	225524	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.597	96	7000	4.824	ng/uL	0.00
4) Pyridine-d5	4.049	84	114155	26.299	ng/ul	-0.01
7) Phenol-d5	7.387	99	145848	29.193	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.557	67	87810	27.209	ng/ul	0.00
11) 2-Chlorophenol-d4	7.768	132	104874	30.290	ng/ul	0.00
15) 4-Methylphenol-d8	8.944	113	113081	28.751	ng/ul	0.00
21) Nitrobenzene-d5	9.414	128	55094	30.546	ng/ul	0.00
24) 2-Nitrophenol-d4	10.142	143	63952	31.889	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.683	165	107041	31.686	ng/ul	0.00
31) 4-Chloroaniline-d4	11.200	131	145911	28.521	ng/ul	0.00
46) Dimethylphthalate-d6	14.267	166	328519	31.270	ng/ul	0.00
49) Acenaphthylene-d8	14.566	160	413975	31.628	ng/ul	0.00
54) 4-Nitrophenol-d4	15.066	143	63791	33.488	ng/ul	0.00
60) Fluorene-d10	15.859	176	291124	31.281	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.976	200	58351	32.645	ng/ul	0.00
73) Anthracene-d10	17.716	188	435372	31.234	ng/ul	0.00
81) Pyrene-d10	19.989	212	469147	31.568	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.101	264	384372	30.830	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.638	88	15309m>	9.606	ng/uL	> 11/17/21 JU
5) Pyridine	4.073	79	119764	26.655	ng/ul	96
6) Benzaldehyde	7.375	77	97260	30.866	ng/ul	95
8) Phenol	7.416	94	151434	29.302	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.651	93	110590	28.588	ng/ul	94
12) 2-Chlorophenol	7.798	128	105893	30.123	ng/ul	96
13) 2-Methylphenol	8.679	108	113081	29.603	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.756	45	163179	26.781	ng/ul	98
16) Acetophenone	9.079	105	179077	29.309	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.055	70	102876	27.907	ng/ul	99
18) 4-Methylphenol	9.014	108	119515	29.385	ng/ul	94
19) Hexachloroethane	9.325	117	43088	29.316	ng/ul	92
22) Nitrobenzene	9.461	77	147832	29.389	ng/ul	98
23) Isophorone	10.001	82	286967	29.395	ng/ul	99
25) 2-Nitrophenol	10.172	139	64287	31.952	ng/ul	99
26) 2,4-Dimethylphenol	10.219	107	124378	28.089	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.459	93	152538	28.999	ng/ul	97
29) 2,4-Dichlorophenol	10.712	162	107009	32.474	ng/ul	97
30) Naphthalene	11.117	128	354752	30.567	ng/ul	98
32) 4-Chloroaniline	11.229	127	147406	29.018	ng/ul	100
33) Hexachlorobutadiene	11.382	225	68445	31.647	ng/ul	99
34) Caprolactam	12.105	113	42075	30.076	ng/ul	97
35) 4-Chloro-3-methylphenol	12.334	107	129462	30.755	ng/ul	96

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.710	142	238244	30.133 ng/ul	96
37) 1-Methylnaphthalene	12.927	142	240969	30.078 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.068	216	135229	33.797 ng/ul	96
40) Hexachlorocyclopentadiene	13.033	237	44022	22.911 ng/ul	98
41) 2,4,6-Trichlorophenol	13.309	196	95214	36.367 ng/ul	99
42) 2,4,5-Trichlorophenol	13.380	196	100919	35.903 ng/ul	96
43) 1,1'-Biphenyl	13.703	154	317083	31.591 ng/ul	98
44) 2-Chloronaphthalene	13.750	162	254394	32.343 ng/ul	98
45) 2-Nitroaniline	13.955	65	97263	31.124 ng/ul	90
47) Dimethylphthalate	14.314	163	328582	31.280 ng/ul	99
48) 2,6-Dinitrotoluene	14.437	165	71395	32.473 ng/ul	97
50) Acenaphthylene	14.590	152	410351	31.281 ng/ul	99
51) 3-Nitroaniline	14.772	138	72705	31.973 ng/ul	94
52) Acenaphthene	14.931	153	273812	31.743 ng/ul	97
53) 2,4-Dinitrophenol	14.984	184	41694	34.376 ng/ul	92
55) 4-Nitrophenol	15.078	109	59120	33.841 ng/ul	93
56) Dibenzofuran	15.266	168	386875	31.334 ng/ul	99
57) 2,4-Dinitrotoluene	15.224	165	100434	32.008 ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.489	232	83713	37.897 ng/ul	98
59) Diethylphthalate	15.665	149	348630	31.005 ng/ul	99
61) Fluorene	15.912	166	302896	30.995 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.894	204	164246	32.276 ng/ul	96
63) 4-Nitroaniline	15.935	138	75204	33.337 ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.988	198	59340	34.042 ng/ul#	98
67) N-Nitrosodiphenylamine	16.106	169	274312	33.286 ng/ul	97
68) 4-Bromophenyl-phenylether	16.787	248	101821	34.720 ng/ul	95
69) Hexachlorobenzene	16.911	284	105938	35.138 ng/ul	99
70) Atrazine	17.058	200	107226	30.683 ng/ul	96
71) Pentachlorophenol	17.257	266	65268	47.153 ng/ul	96
72) Phenanthrene	17.657	178	505073	32.094 ng/ul	100
74) Anthracene	17.745	178	493013	31.223 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.673	216	139551	34.764 ng/uL	97
76) Pentachlorobenzene	15.177	250	125330	33.695 ng/uL	97
77) Carbazole	18.015	167	459360	32.457 ng/ul	99
78) Di-n-butylphthalate	18.544	149	581184	31.251 ng/ul	100
80) Fluoranthene	19.655	202	568648	31.883 ng/ul	98
82) Pyrene	20.019	202	552737	31.717 ng/ul	96
83) Butylbenzylphthalate	20.877	149	228097	30.438 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.799	252	178558	31.865 ng/ul	97
85) Benzo(a)anthracene	21.893	228	497543	31.235 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.758	149	320678	29.811 ng/ul	99
87) Chrysene	21.964	228	481165	31.621 ng/ul	99
89) Di-n-octyl phthalate	23.033	149	543690	29.612 ng/ul	100
90) Benzo(b)fluoranthene	24.243	252	491292	30.579 ng/ul	98
91) Benzo(k)fluoranthene	24.314	252	473020	31.375 ng/ul	100
93) Benzo(a)pyrene	25.177	252	476786	31.159 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.279	276	545004	31.995 ng/ul	96
95) Dibenzo(a,h)anthracene	29.343	278	468116	32.479 ng/ul	96
96) Benzo(g,h,i)perylene	30.512	276	451391	31.658 ng/ul	96

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