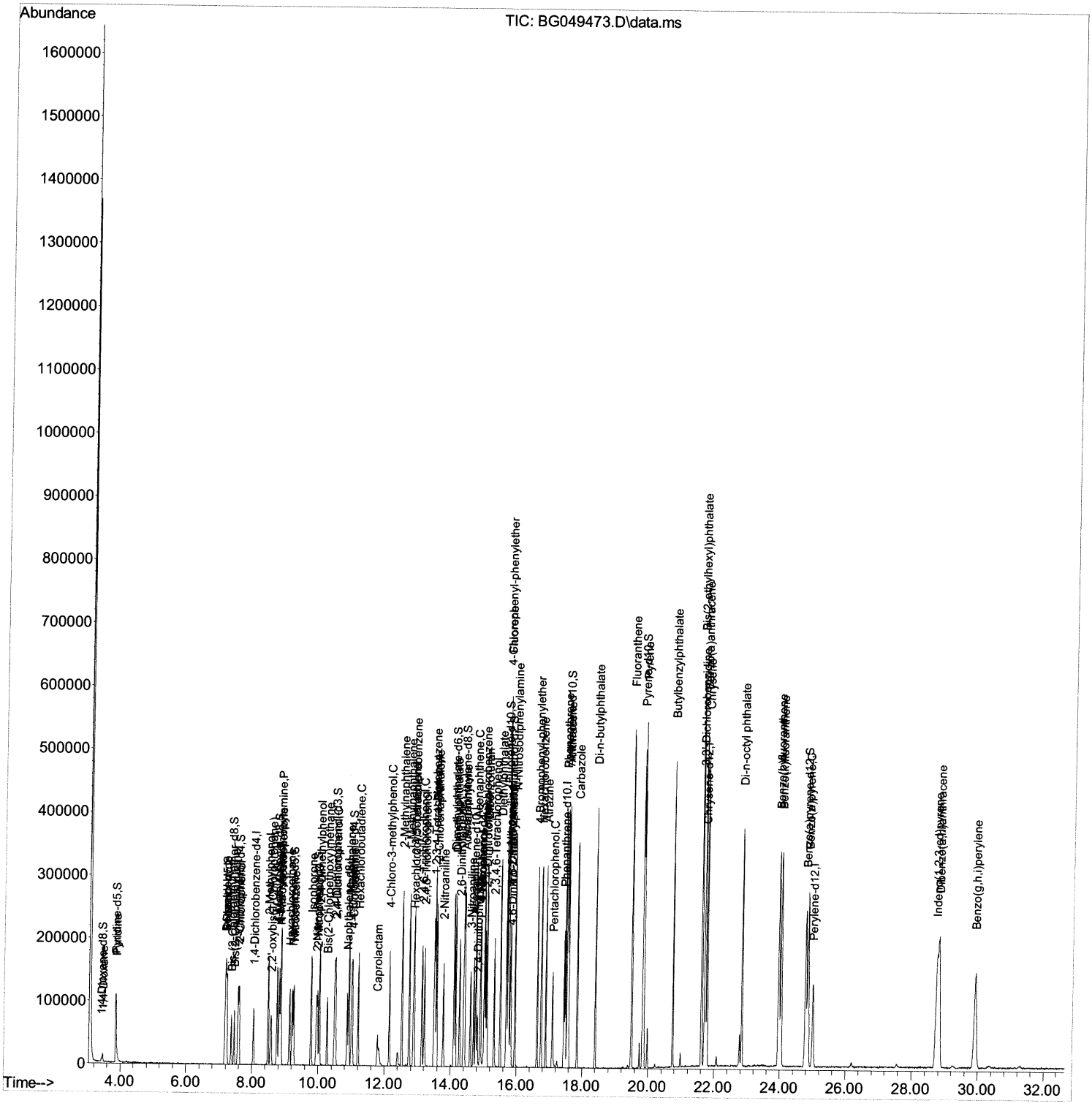
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049473.D
Acq On : 26 Jul 2021 10:55
Operator : CG/JU
Sample : PB137826BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 26 11:32:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 01:16:50 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS826

Manual Integrations APPROVED
mohammad
7/27/2021 12:06:15 PM



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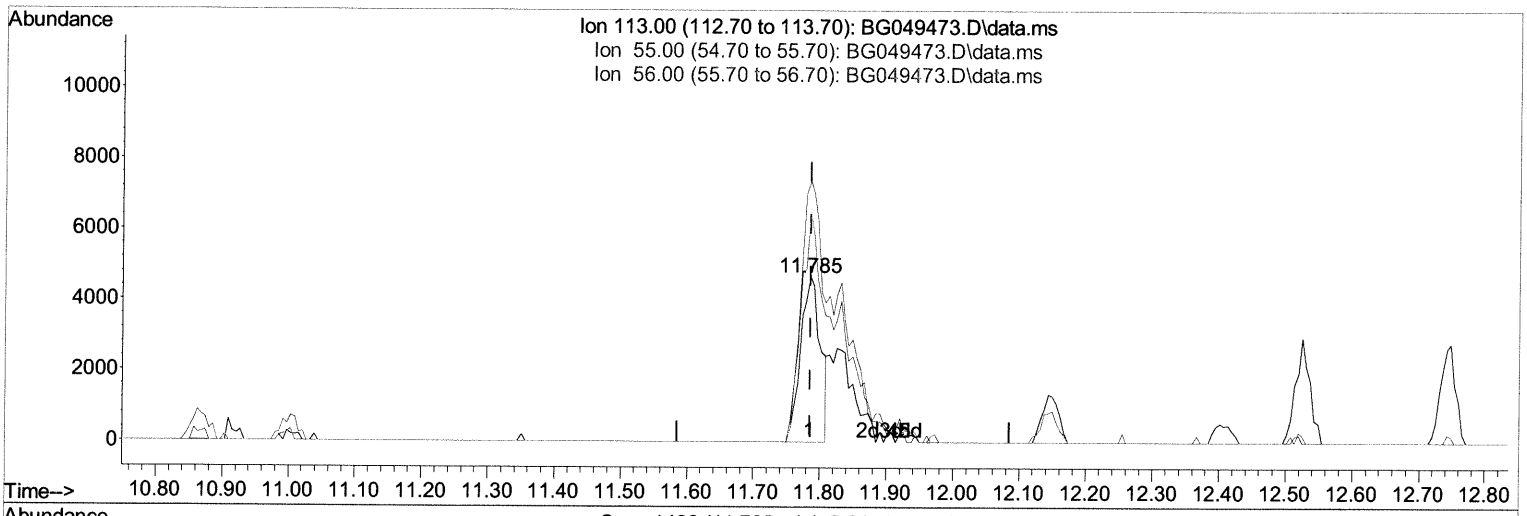

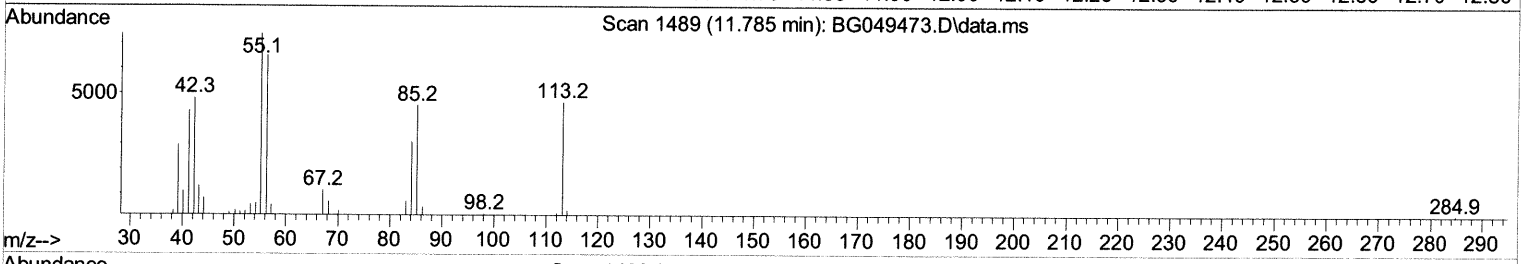

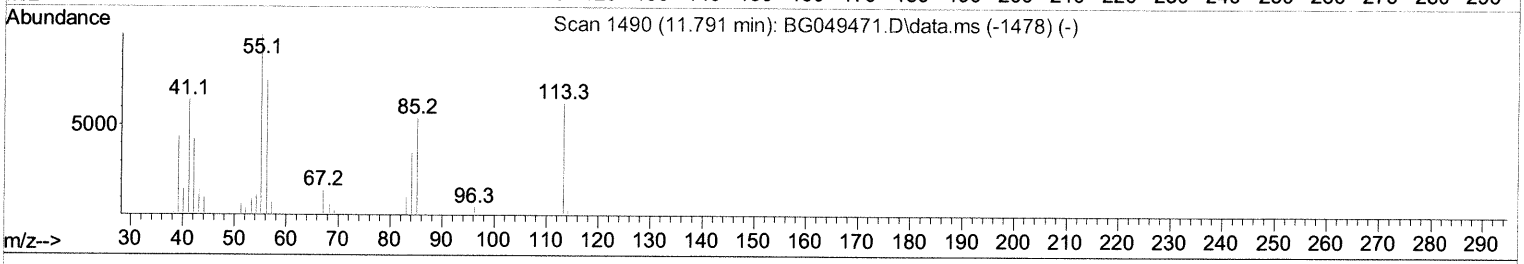

TIC: BG049473.D\data.ms

(34) Caprolactam

11.785min (-0.001) 19.66 ng/ul

response 9729

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	158.12
56.00	118.80	139.70
0.00	0.00	0.00

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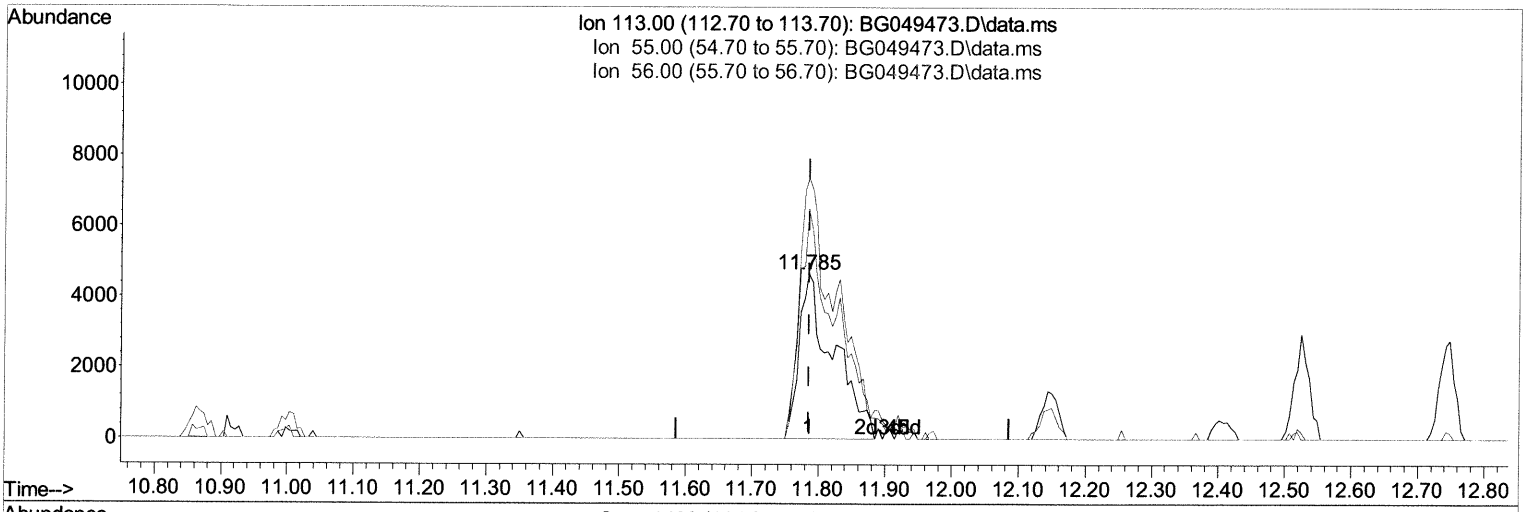

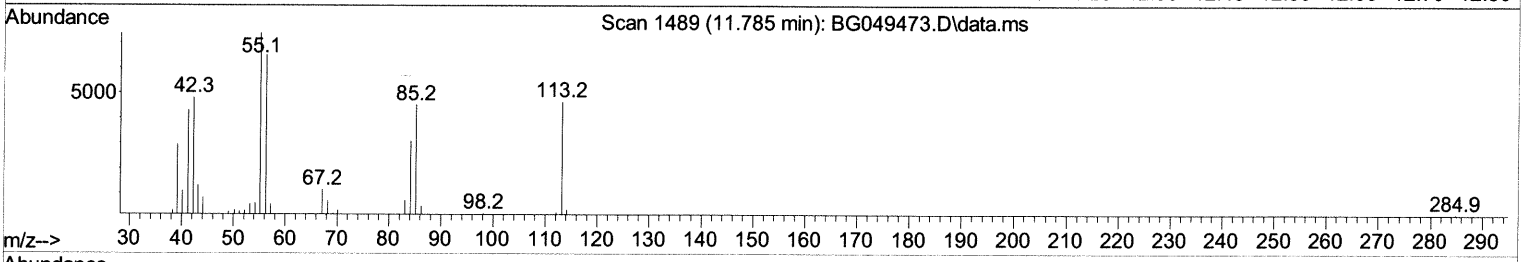

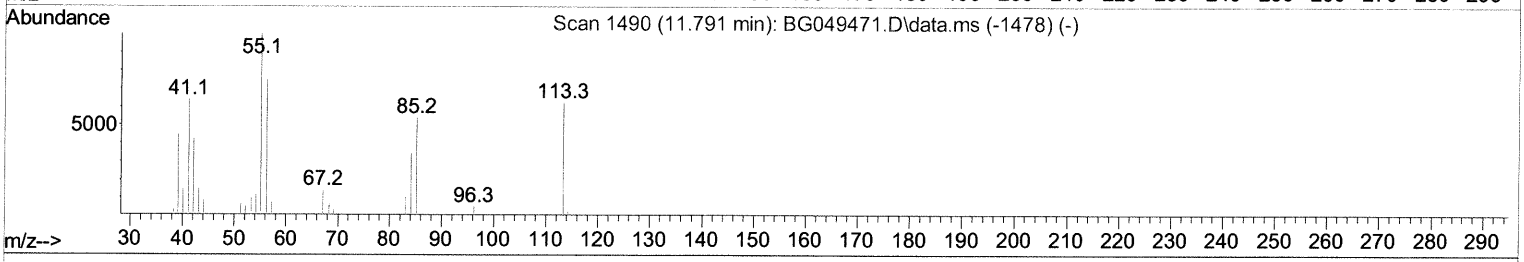

TIC: BG049473.D\data.ms

(34) Caprolactam

11.785min (-0.001) 33.68 ng/ul m 07/29/21 JU

response 16663

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	158.12
56.00	118.80	139.70
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	8.049	152	22558	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	90823	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	62179	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	136129	20.000	ng/ul	0.00
79) Chrysene-d12	21.730	240	144634	20.000	ng/ul	0.00
88) Perylene-d12	25.008	264	148136	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	3273	6.638	ng/uL	-0.01
4) Pyridine-d5	3.854	84	50039	35.333	ng/ul	0.00
7) Phenol-d5	7.203	99	69694	34.920	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	38998	34.500	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	50304	35.162	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	53636	35.653	ng/ul	0.00
21) Nitrobenzene-d5	9.218	128	24559	35.171	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	29618	36.196	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	54202	36.421	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	66709	32.163	ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	175211	36.786	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	203553	36.795	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	29838	38.041	ng/ul	0.00
60) Fluorene-d10	15.691	176	149015	36.316	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	31202	36.989	ng/ul	0.00
73) Anthracene-d10	17.548	188	235833	37.275	ng/ul	0.00
81) Pyrene-d10	19.833	212	291316	39.390	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.785	264	301758	38.757	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.467	88	7524	11.164	ng/uL	93
5) Pyridine	3.872	79	49657	32.780	ng/ul	96
6) Benzaldehyde	7.179	77	45831	38.483	ng/ul	91
8) Phenol	7.226	94	68003	34.880	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.461	93	46438	34.573	ng/ul	91
12) 2-Chlorophenol	7.608	128	47991	34.844	ng/ul	94
13) 2-Methylphenol	8.489	108	51559	34.698	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.577	45	54028	34.324	ng/ul#	95
16) Acetophenone	8.871	105	84467	34.886	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.853	70	44978	36.025	ng/ul#	95
18) 4-Methylphenol	8.818	108	54987	35.175	ng/ul	92
19) Hexachloroethane	9.135	117	22346	36.014	ng/ul	85
22) Nitrobenzene	9.259	77	73708	35.353	ng/ul#	95
23) Isophorone	9.782	82	126103	36.095	ng/ul#	95
25) 2-Nitrophenol	9.975	139	27825	36.134	ng/ul#	71
26) 2,4-Dimethylphenol	10.028	107	66131	36.033	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.263	93	60934	34.970	ng/ul	96
29) 2,4-Dichlorophenol	10.516	162	52189	35.873	ng/ul	96
30) Naphthalene	10.921	128	164252	35.109	ng/ul	98
32) 4-Chloroaniline	11.027	127	62907	31.885	ng/ul	95
33) Hexachlorobutadiene	11.203	225	39147	35.196	ng/ul	97
34) Caprolactam	11.785	113	16663m >	33.677	ng/ul >	07/29/21 JU
35) 4-Chloro-3-methylphenol	12.143	107	60898	37.203	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.525	142	123444	36.052	ng/ul	99
37) 1-Methylnaphthalene	12.742	142	121274	35.051	ng/ul	89
39) 1,2,4,5-Tetrachloroben...	12.889	216	68286	36.950	ng/ul	95
40) Hexachlorocyclopentadiene	12.872	237	37427	33.611	ng/ul	98
41) 2,4,6-Trichlorophenol	13.130	196	43037	37.895	ng/ul	86
42) 2,4,5-Trichlorophenol	13.206	196	47170	38.892	ng/ul	94
43) 1,1'-Biphenyl	13.529	154	159077	35.927	ng/ul	97
44) 2-Chloronaphthalene	13.576	162	128176	37.201	ng/ul	96
45) 2-Nitroaniline	13.776	65	47447	38.804	ng/ul	99
47) Dimethylphthalate	14.146	163	164678	35.553	ng/ul	99
48) 2,6-Dinitrotoluene	14.270	165	33917	36.691	ng/ul#	92
50) Acenaphthylene	14.422	152	186828	35.363	ng/ul	95
51) 3-Nitroaniline	14.599	138	31833	34.528	ng/ul	95
52) Acenaphthene	14.763	153	133494	35.231	ng/ul	95
53) 2,4-Dinitrophenol	14.810	184	17790	38.627	ng/ul#	75
55) 4-Nitrophenol	14.910	109	39573	37.207	ng/ul	95
56) Dibenzofuran	15.098	168	186514	36.454	ng/ul	100
57) 2,4-Dinitrotoluene	15.057	165	52187	39.828	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.321	232	40016	36.357	ng/ul	97
59) Diethylphthalate	15.509	149	172486	35.981	ng/ul	98
61) Fluorene	15.744	166	155154	35.721	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.738	204	82064	36.295	ng/ul	89
63) 4-Nitroaniline	15.762	138	32469	35.515	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.826	198	28317	36.467	ng/ul#	87
67) N-Nitrosodiphenylamine	15.950	169	133841	37.516	ng/ul	98
68) 4-Bromophenyl-phenylether	16.631	248	56888	37.531	ng/ul	97
69) Hexachlorobenzene	16.755	284	61669	35.959	ng/ul	96
70) Atrazine	16.895	200	61578	37.792	ng/ul	97
71) Pentachlorophenol	17.101	266	29843	37.583	ng/ul	99
72) Phenanthrene	17.489	178	259194	36.574	ng/ul	98
74) Anthracene	17.583	178	257146	35.807	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.494	216	68593	37.082	ng/uL	96
76) Pentachlorobenzene	15.016	250	74738	38.188	ng/uL	95
77) Carbazole	17.853	167	237740	37.029	ng/ul	98
78) Di-n-butylphthalate	18.405	149	292962	36.693	ng/ul	99
80) Fluoranthene	19.498	202	343734	38.278	ng/ul	100
82) Pyrene	19.862	202	340717	38.215	ng/ul	99
83) Butylbenzylphthalate	20.743	149	134829	38.843	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.624	252	124228	37.381	ng/ul	97
85) Benzo(a)anthracene	21.712	228	334128	37.785	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.607	149	195456	37.942	ng/ul	98
87) Chrysene	21.777	228	319988	37.806	ng/ul	99
89) Di-n-octyl phthalate	22.835	149	326344	37.478	ng/ul	100
90) Benzo(b)fluoranthene	23.962	252	366712	39.496	ng/ul	97
91) Benzo(k)fluoranthene	24.033	252	343792	37.834	ng/ul	99
93) Benzo(a)pyrene	24.855	252	316076	39.240	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.750	276	408594	39.756	ng/ul	98
95) Dibenzo(a,h)anthracene	28.821	278	339016	39.861	ng/ul#	98
96) Benzo(g,h,i)perylene	29.931	276	340165	39.809	ng/ul#	93

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