Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
Data File : BG050450.D
Acq On : 5 Oct 2021 19:46
Operator : CG/JU
Sample : PB139632BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 06 01:50:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS632

Manual Integrations APPROVED
mohammad
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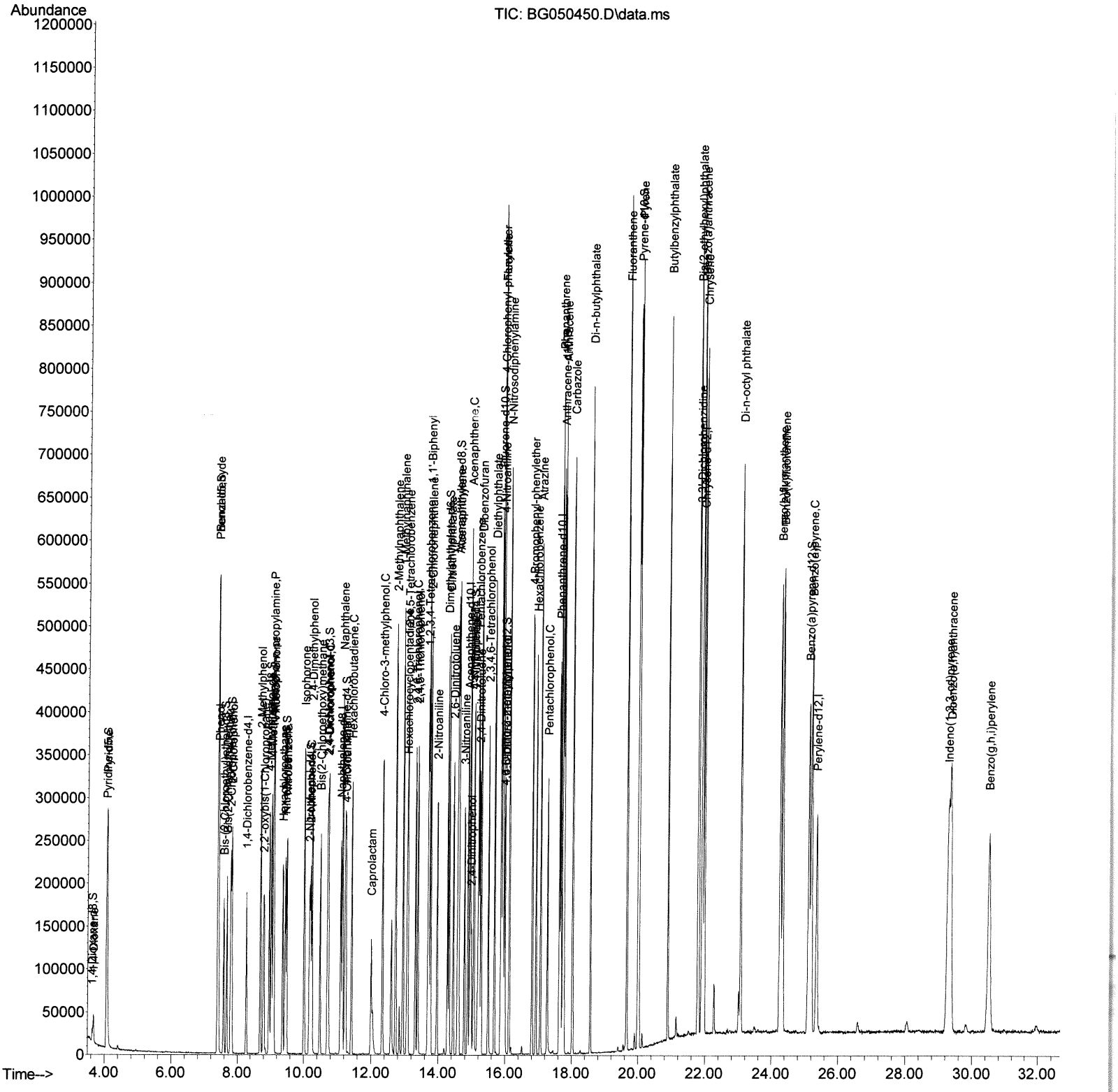

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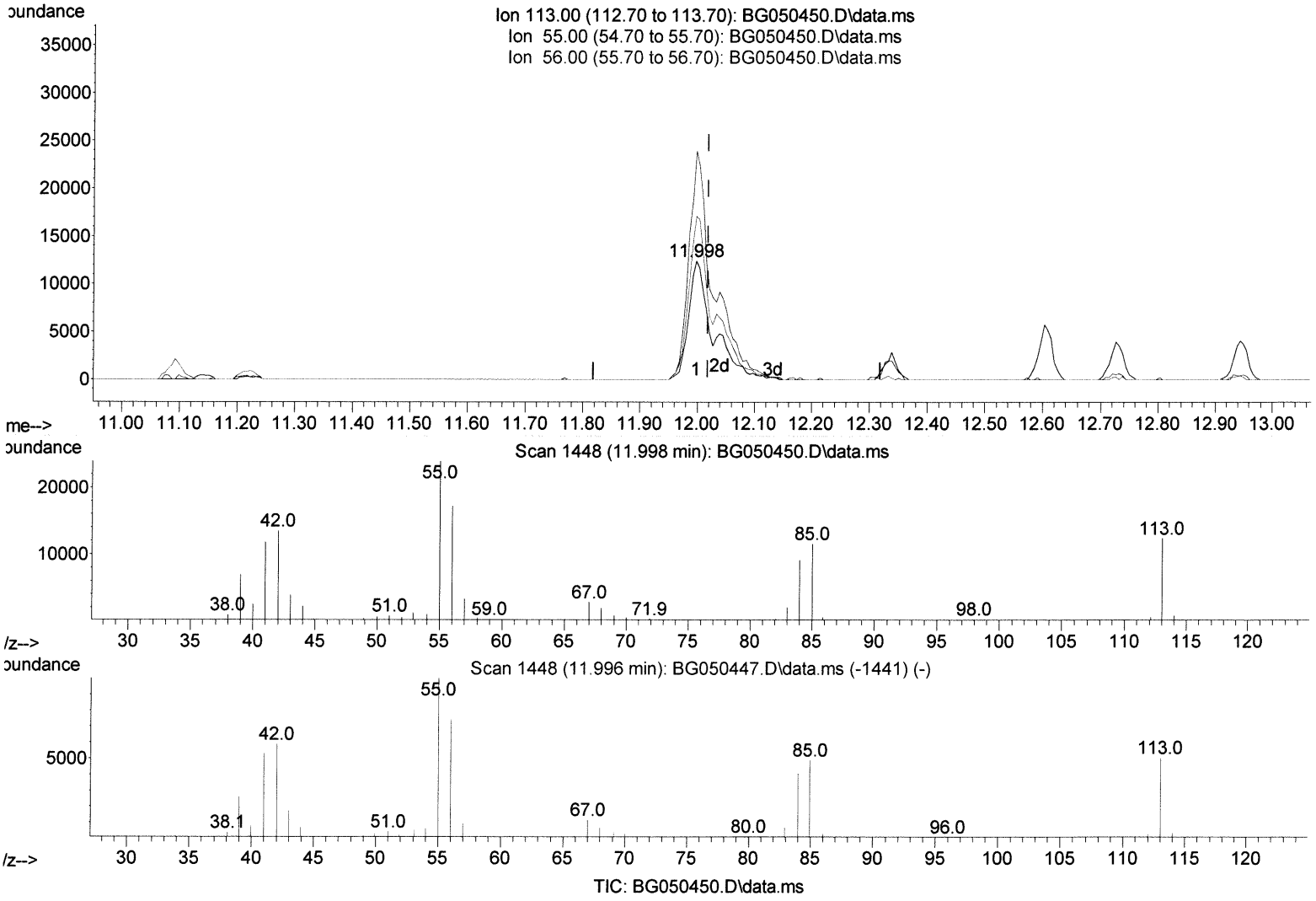

(34) Caprolactam

11.998min (-0.021) 22.78 ng/ul

response 26462

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	193.14
56.00	132.30	138.38
0.00	0.00	0.00

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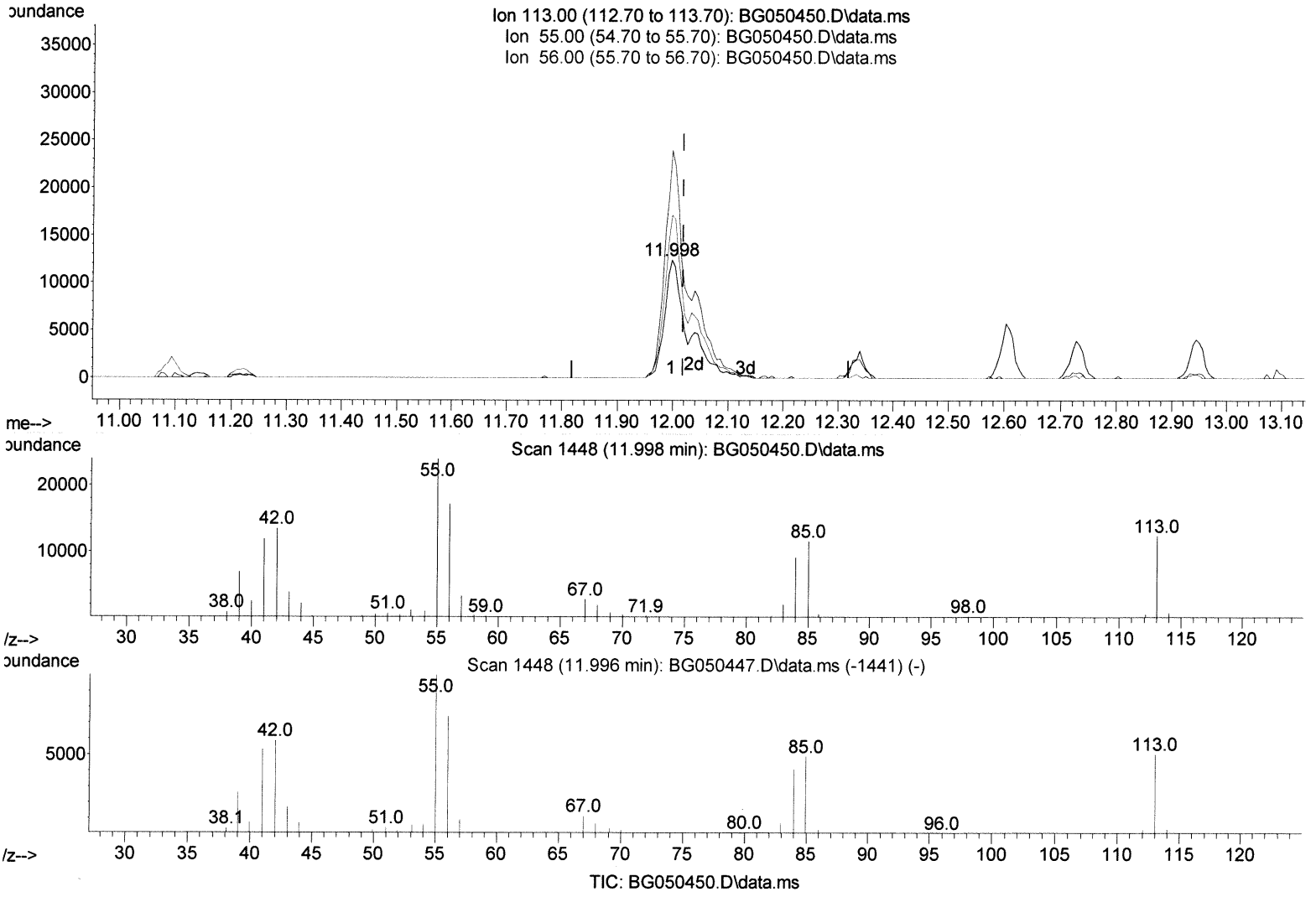

(34) Caprolactam

11.998min (-0.021) 31.79 ng/ul m JY 10/08/21

response 36927

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	193.14
56.00	132.30	138.38
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	8.267	152	49551	20.000	ng/ul	0.00
20) Naphthalene-d8	11.093	136	204866	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.882	164	130047	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.626	188	277584	20.000	ng/ul	0.00
79) Chrysene-d12	21.927	240	254885	20.000	ng/ul	-0.02
88) Perylene-d12	25.347	264	260442	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.637	96	8376	6.210	ng/uL	0.00
4) Pyridine-d5	4.060	84	123802	30.805	ng/ul	0.00
7) Phenol-d5	7.397	99	144097	33.285	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.585	67	93428	34.290	ng/ul	0.00
11) 2-Chlorophenol-d4	7.791	132	99923	32.941	ng/ul	0.00
15) 4-Methylphenol-d8	8.954	113	108974	33.256	ng/ul	0.00
21) Nitrobenzene-d5	9.436	128	51621	36.019	ng/ul	0.00
24) 2-Nitrophenol-d4	10.164	143	55954	36.378	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.699	165	97676	32.159	ng/ul	0.00
31) 4-Chloroaniline-d4	11.216	131	119067	27.441	ng/ul	0.00
46) Dimethylphthalate-d6	14.277	166	287458	32.298	ng/ul	-0.02
49) Acenaphthylene-d8	14.583	160	364356	32.598	ng/ul	0.00
54) 4-Nitrophenol-d4	15.053	143	55799	32.551	ng/ul	0.00
60) Fluorene-d10	15.870	176	255425	31.854	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.975	200	44222	31.940	ng/ul	0.00
73) Anthracene-d10	17.726	188	394617	33.651	ng/ul	0.00
81) Pyrene-d10	20.000	212	468605	34.575	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.112	264	420899	32.140	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.672	88	19285	11.819	ng/uL#	85
5) Pyridine	4.077	79	134228	32.972	ng/ul	97
6) Benzaldehyde	7.403	77	119337	41.797	ng/ul	95
8) Phenol	7.427	94	150457	33.906	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.673	93	114906	34.523	ng/ul	98
12) 2-Chlorophenol	7.826	128	107084	34.504	ng/ul	91
13) 2-Methylphenol	8.690	108	111817	34.193	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.784	45	184242	36.894	ng/ul	97
16) Acetophenone	9.095	105	172572	33.146	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.072	70	103556	33.097	ng/ul#	95
18) 4-Methylphenol	9.025	108	116993	33.781	ng/ul	91
19) Hexachloroethane	9.360	117	45769	34.314	ng/ul	93
22) Nitrobenzene	9.483	77	156182	36.362	ng/ul	97
23) Isophorone	10.000	82	279925	33.911	ng/ul	99
25) 2-Nitrophenol	10.194	139	58154	36.786	ng/ul	91
26) 2,4-Dimethylphenol	10.235	107	132736	33.825	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.482	93	151755	34.052	ng/ul	99
29) 2,4-Dichlorophenol	10.729	162	99928	33.231	ng/ul	96
30) Naphthalene	11.146	128	343527	32.661	ng/ul	99
32) 4-Chloroaniline	11.246	127	110330	25.257	ng/ul	99
33) Hexachlorobutadiene	11.416	225	70228	32.137	ng/ul	97
34) Caprolactam	11.998	113	36927m	31.785	ng/ul	97
35) 4-Chloro-3-methylphenol	12.338	107	121439	34.254	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.732	142	227276	31.783	ng/ul	100
37) 1-Methylnaphthalene	12.944	142	227488	31.600	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.085	216	128062	34.123	ng/ul#	96
40) Hexachlorocyclopentadiene	13.067	237	63998	25.714	ng/ul	99
41) 2,4,6-Trichlorophenol	13.320	196	85143	35.994	ng/ul	98
42) 2,4,5-Trichlorophenol	13.390	196	91364	35.309	ng/ul	97
43) 1,1'-Biphenyl	13.719	154	304196	34.758	ng/ul	98
44) 2-Chloronaphthalene	13.766	162	232923	33.972	ng/ul	98
45) 2-Nitroaniline	13.960	65	92501	41.208	ng/ul	90
47) Dimethylphthalate	14.324	163	292421	32.655	ng/ul	100
48) 2,6-Dinitrotoluene	14.448	165	62018	36.818	ng/ul	97
50) Acenaphthylene	14.612	152	384159	33.884	ng/ul	99
51) 3-Nitroaniline	14.777	138	61865	33.764	ng/ul	88
52) Acenaphthene	14.947	153	253358	33.812	ng/ul	97
53) 2,4-Dinitrophenol	14.982	184	29464	28.062	ng/ul	89
55) 4-Nitrophenol	15.065	109	57329	33.821	ng/ul	95
56) Dibenzofuran	15.276	168	355499	32.620	ng/ul	95
57) 2,4-Dinitrotoluene	15.235	165	86119	35.208	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.494	232	72035	32.373	ng/ul#	86
59) Diethylphthalate	15.682	149	307383	32.897	ng/ul	97
61) Fluorene	15.928	166	277424	31.997	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.911	204	148263	31.575	ng/ul	95
63) 4-Nitroaniline	15.940	138	71032	38.388	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.993	198	43934	32.102	ng/ul	98
67) N-Nitrosodiphenylamine	16.122	169	248616	35.423	ng/ul	98
68) 4-Bromophenyl-phenylether	16.810	248	88793	34.358	ng/ul	90
69) Hexachlorobenzene	16.927	284	91466	33.610	ng/ul	99
70) Atrazine	17.062	200	100854	33.750	ng/ul	97
71) Pentachlorophenol	17.268	266	56230	31.550	ng/ul	98
72) Phenanthrene	17.667	178	470686	33.970	ng/ul	99
74) Anthracene	17.761	178	472699	34.447	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.690	216	129008	35.252	ng/uL	99
76) Pentachlorobenzene	15.194	250	112239	33.571	ng/uL	97
77) Carbazole	18.026	167	438040	35.663	ng/ul	98
78) Di-n-butylphthalate	18.566	149	532001	36.551	ng/ul	100
80) Fluoranthene	19.665	202	590262	34.680	ng/ul	98
82) Pyrene	20.029	202	574253	34.215	ng/ul	98
83) Butylbenzylphthalate	20.899	149	241533	39.043	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.810	252	179144	34.100	ng/ul	97
85) Benzo(a)anthracene	21.904	228	535992	34.882	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.786	149	348239	39.173	ng/ul	99
87) Chrysene	21.974	228	510076	34.639	ng/ul	99
89) Di-n-octyl phthalate	23.073	149	596005	39.826	ng/ul	100
90) Benzo(b)fluoranthene	24.254	252	547513	34.514	ng/ul	99
91) Benzo(k)fluoranthene	24.324	252	507268	34.364	ng/ul	99
93) Benzo(a)pyrene	25.188	252	519505	34.323	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.277	276	584119	34.373	ng/ul	97
95) Dibenzo(a,h)anthracene	29.348	278	498362	34.461	ng/ul	99
96) Benzo(g,h,i)perylene	30.505	276	482306	33.668	ng/ul	97

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