Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
Data File : BG050424.D
Acq On : 4 Oct 2021 22:27
Operator : CG/JU
Sample : PB139387BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 05 01:07:02 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 :
SLCS387

Manual Integrations APPROVED
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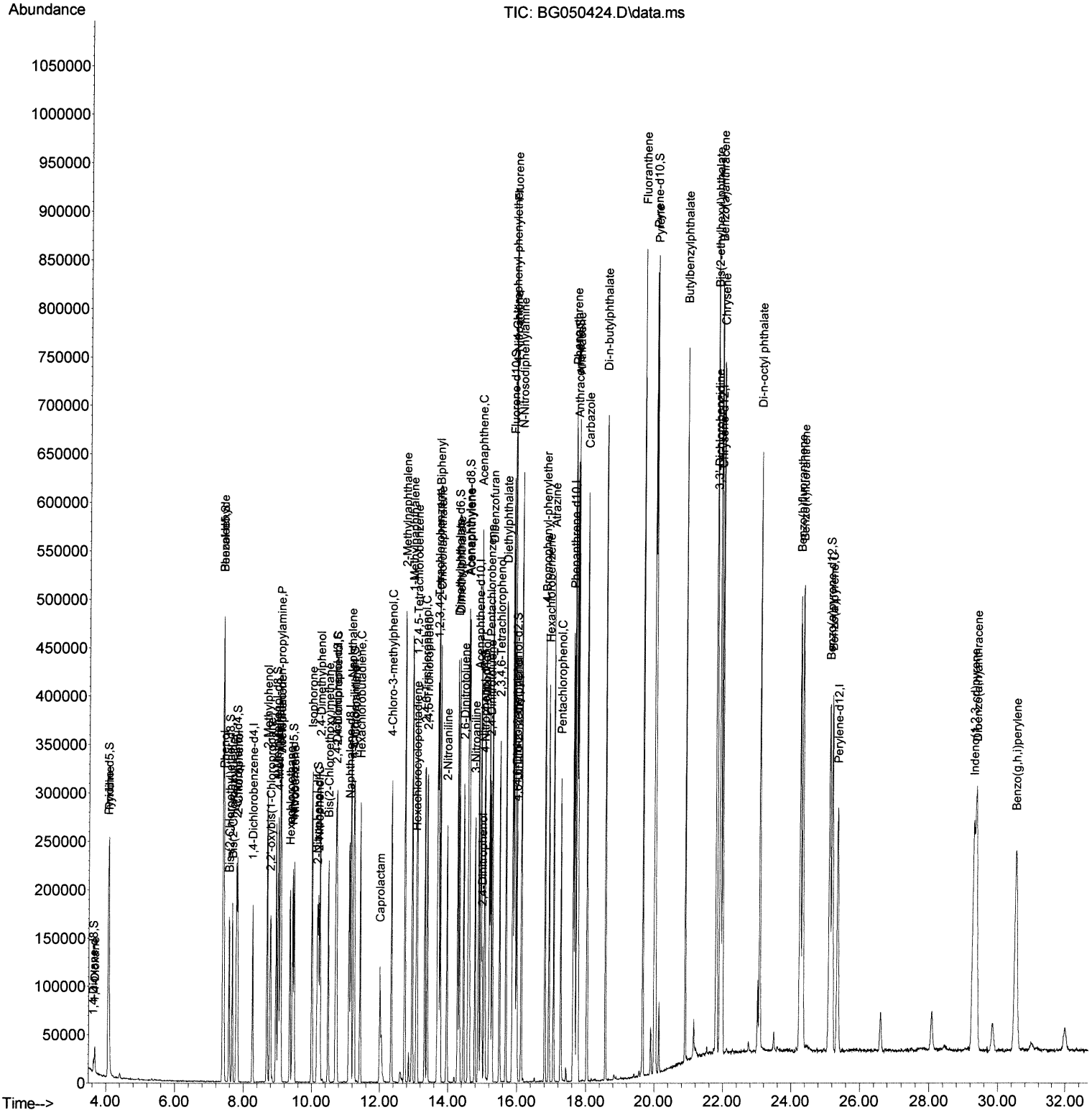

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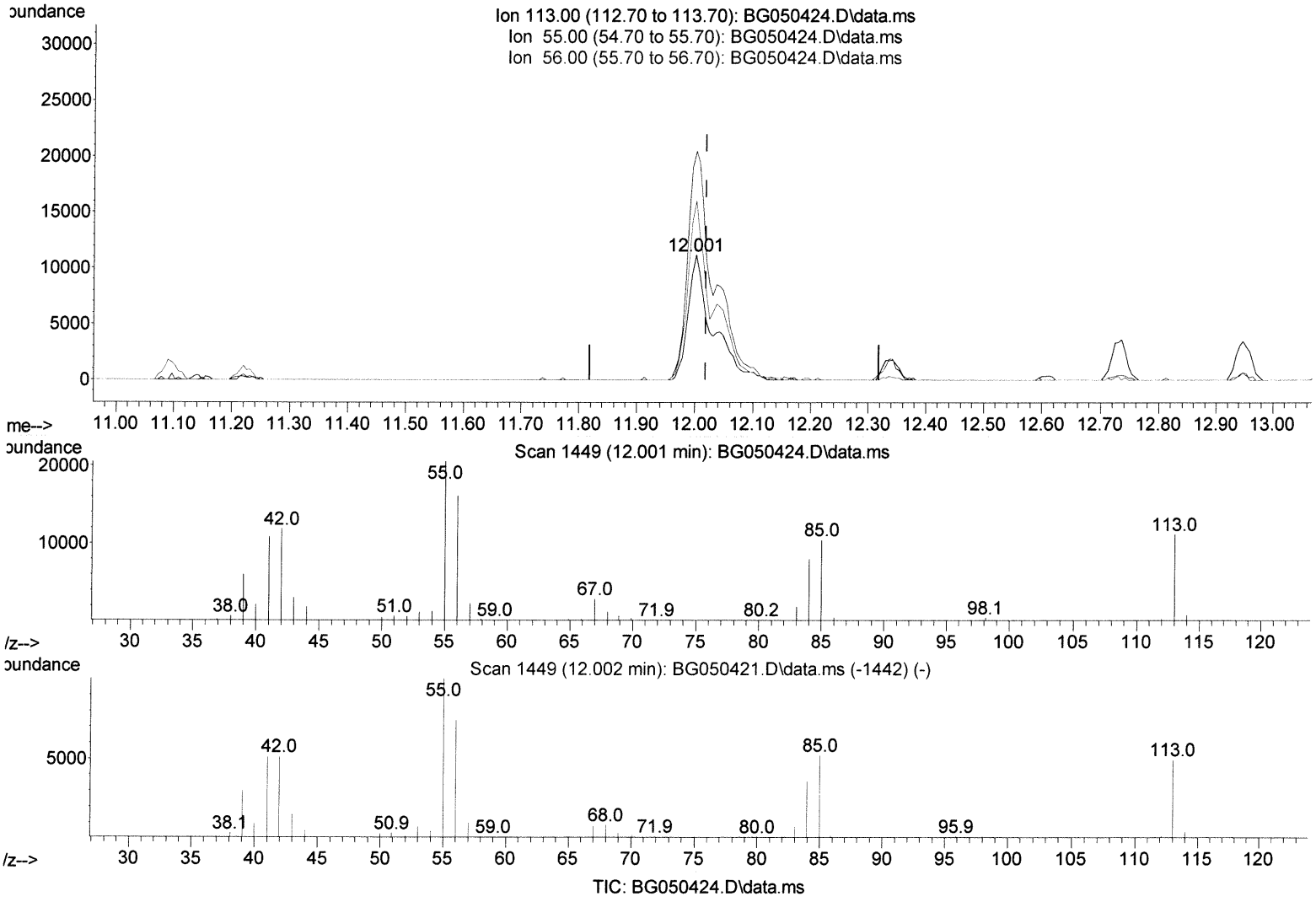

(34) Caprolactam

12.001min (-0.017) 20.31 ng/ul

response 23192

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	183.55
56.00	132.30	144.09
0.00	0.00	0.00

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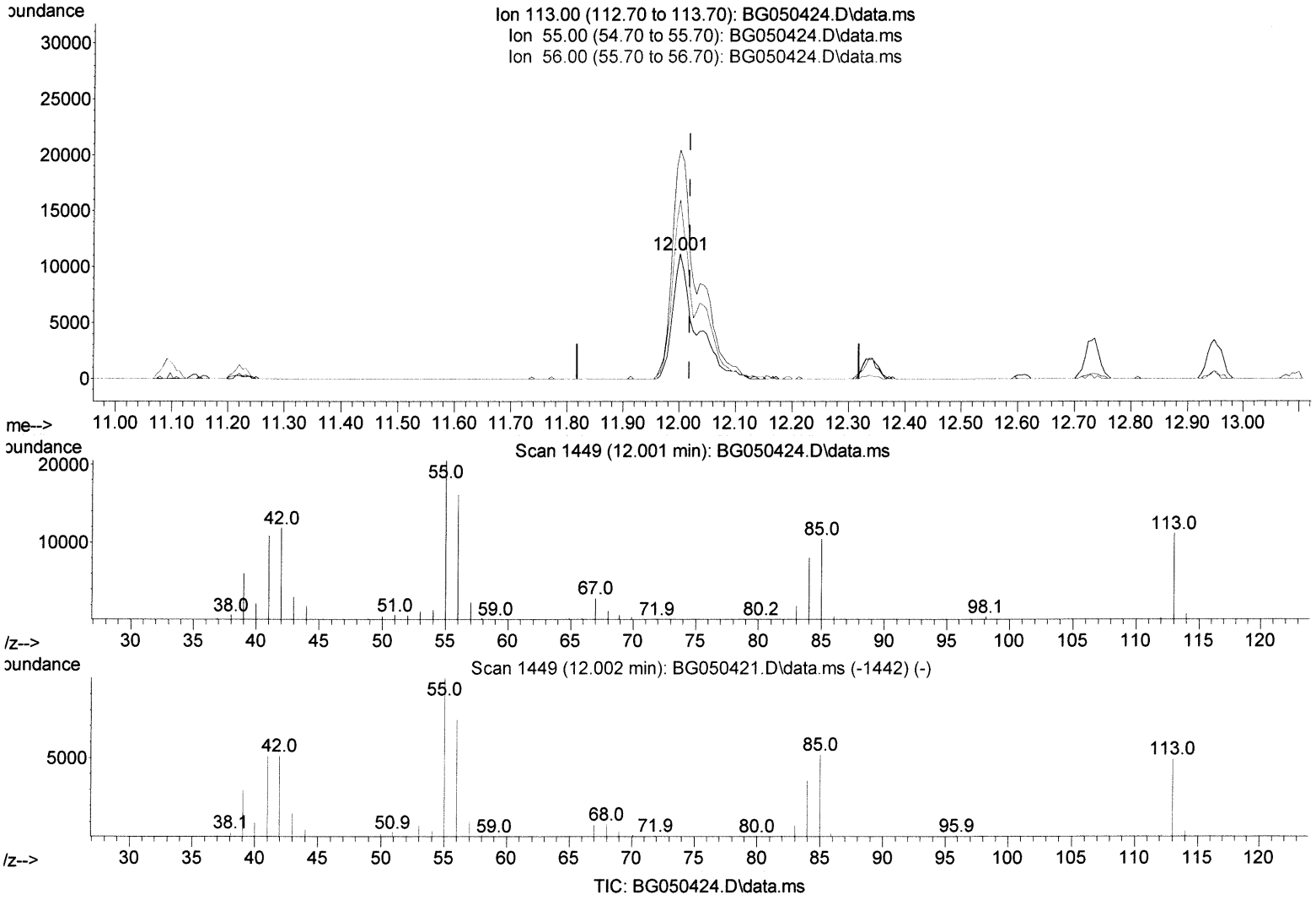

(34) Caprolactam

12.001min (-0.017) 28.28 ng/ul m

response 32294

JY 10/08/21

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	183.55
56.00	132.30	144.09
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	8.270	152	46666	20.000	ng/ul	0.00
20) Naphthalene-d8	11.097	136	201367	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.886	164	130052	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.630	188	281730	20.000	ng/ul	0.00
79) Chrysene-d12	21.931	240	251879	20.000	ng/ul	-0.02
88) Perylene-d12	25.356	264	252712	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.635	96	7577	5.965	ng/uL	0.00
4) Pyridine-d5	4.064	84	117454	31.032	ng/ul	0.00
7) Phenol-d5	7.401	99	135162	33.151	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.583	67	86838	33.842	ng/ul	0.00
11) 2-Chlorophenol-d4	7.795	132	92895	32.517	ng/ul	0.00
15) 4-Methylphenol-d8	8.958	113	100299	32.501	ng/ul	0.00
21) Nitrobenzene-d5	9.440	128	48303	34.289	ng/ul	0.00
24) 2-Nitrophenol-d4	10.162	143	51721	34.210	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.703	165	92927	31.127	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	128301	30.083	ng/ul	0.00
46) Dimethylphthalate-d6	14.281	166	273311	30.707	ng/ul	-0.01
49) Acenaphthylene-d8	14.581	160	347188	31.061	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.051	143	52622	30.697	ng/ul	0.00
60) Fluorene-d10	15.873	176	245652	30.634	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.979	200	42172	30.011	ng/ul	0.00
73) Anthracene-d10	17.730	188	371334	31.199	ng/ul	0.00
81) Pyrene-d10	20.004	212	444428	33.183	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.121	264	391839	30.836	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.676	88	16762	10.908	ng/uL	97
5) Pyridine	4.081	79	118102	30.805	ng/ul	99
6) Benzaldehyde	7.401	77	92934	34.562	ng/ul	92
8) Phenol	7.430	94	136531	32.670	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.677	93	100289	31.994	ng/ul	96
12) 2-Chlorophenol	7.830	128	93379	31.948	ng/ul#	91
13) 2-Methylphenol	8.693	108	99073	32.169	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.787	45	165327	35.153	ng/ul	99
16) Acetophenone	9.099	105	155454	31.704	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.075	70	93311	31.666	ng/ul	97
18) 4-Methylphenol	9.028	108	103727	31.802	ng/ul	93
19) Hexachloroethane	9.363	117	40575	32.301	ng/ul	95
22) Nitrobenzene	9.481	77	140987	33.394	ng/ul	95
23) Isophorone	10.004	82	245279	30.230	ng/ul	99
25) 2-Nitrophenol	10.198	139	52083	33.518	ng/ul	93
26) 2,4-Dimethylphenol	10.239	107	111402	28.882	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.485	93	136323	31.121	ng/ul	98
29) 2,4-Dichlorophenol	10.726	162	90225	30.526	ng/ul	92
30) Naphthalene	11.144	128	309606	29.948	ng/ul	98
32) 4-Chloroaniline	11.243	127	122139	28.446	ng/ul	96
33) Hexachlorobutadiene	11.420	225	61745	28.746	ng/ul	98
34) Caprolactam	12.001	113	32294m	28.280	ng/ul	96
35) 4-Chloro-3-methylphenol	12.336	107	105586	30.300	ng/ul	96

JU 10/8/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.730	142	216788	30.843	ng/ul	94
37) 1-Methylnaphthalene	12.947	142	204937	28.963	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.088	216	117120	31.206	ng/ul#	97
40) Hexachlorocyclopentadiene	13.065	237	52196	20.971	ng/ul	98
41) 2,4,6-Trichlorophenol	13.323	196	77210	32.639	ng/ul	99
42) 2,4,5-Trichlorophenol	13.394	196	81571	31.523	ng/ul	97
43) 1,1'-Biphenyl	13.723	154	268522	30.681	ng/ul	99
44) 2-Chloronaphthalene	13.770	162	207476	30.259	ng/ul	97
45) 2-Nitroaniline	13.964	65	83027	36.986	ng/ul	90
47) Dimethylphthalate	14.328	163	264675	29.555	ng/ul	98
48) 2,6-Dinitrotoluene	14.451	165	54349	32.264	ng/ul	97
50) Acenaphthylene	14.610	152	316843	27.945	ng/ul	99
51) 3-Nitroaniline	14.780	138	59500	32.472	ng/ul	89
52) Acenaphthene	14.951	153	232291	30.999	ng/ul	98
53) 2,4-Dinitrophenol	14.986	184	27714	26.395	ng/ul#	85
55) 4-Nitrophenol	15.068	109	52322	30.866	ng/ul	96
56) Dibenzofuran	15.280	168	319231	29.291	ng/ul	97
57) 2,4-Dinitrotoluene	15.233	165	79191	32.375	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.497	232	68093	30.601	ng/ul#	92
59) Diethylphthalate	15.685	149	280182	29.985	ng/ul	99
61) Fluorene	15.932	166	254793	29.386	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.914	204	132861	28.294	ng/ul	95
63) 4-Nitroaniline	15.938	138	60351	32.615	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.997	198	40749	29.336	ng/ul	98
67) N-Nitrosodiphenylamine	16.126	169	223983	31.444	ng/ul	99
68) 4-Bromophenyl-phenylether	16.813	248	80887	30.838	ng/ul	97
69) Hexachlorobenzene	16.931	284	83375	30.186	ng/ul	98
70) Atrazine	17.066	200	91343	30.117	ng/ul	97
71) Pentachlorophenol	17.272	266	52989	29.294	ng/ul	97
72) Phenanthrene	17.671	178	428966	30.503	ng/ul	98
74) Anthracene	17.765	178	419023	30.086	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.693	216	122461	32.970	ng/uL	95
76) Pentachlorobenzene	15.198	250	101950	30.045	ng/uL	98
77) Carbazole	18.030	167	392602	31.493	ng/ul	98
78) Di-n-butylphthalate	18.570	149	478098	32.364	ng/ul	100
80) Fluoranthene	19.669	202	527549	31.366	ng/ul	99
82) Pyrene	20.033	202	520134	31.360	ng/ul	99
83) Butylbenzylphthalate	20.903	149	211051	34.522	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.813	252	167980	32.357	ng/ul	100
85) Benzo(a)anthracene	21.913	228	477066	31.418	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.790	149	311360	35.443	ng/ul	99
87) Chrysene	21.984	228	457669	31.451	ng/ul	99
89) Di-n-octyl phthalate	23.077	149	533955	36.771	ng/ul	100
90) Benzo(b)fluoranthene	24.258	252	475923	30.919	ng/ul	98
91) Benzo(k)fluoranthene	24.334	252	472566	32.993	ng/ul	100
93) Benzo(a)pyrene	25.192	252	424380	28.896	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.287	276	522242	31.671	ng/ul	98
95) Dibenzo(a,h)anthracene	29.357	278	433159	30.869	ng/ul	99
96) Benzo(g,h,i)perylene	30.509	276	425711	30.626	ng/ul	96

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