Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049794.D
Acq On : 11 Aug 2021 18:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 11 18:51:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
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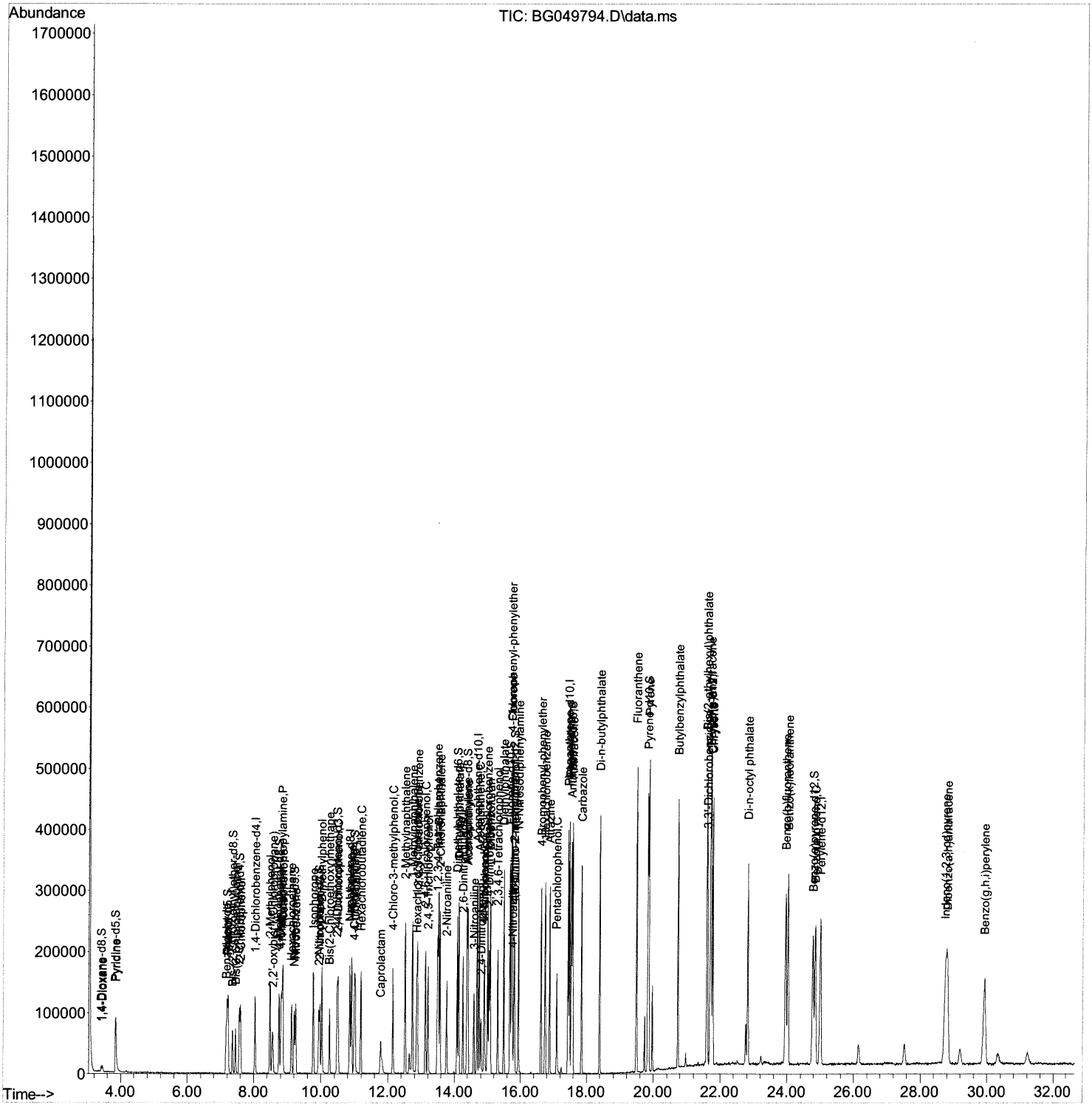

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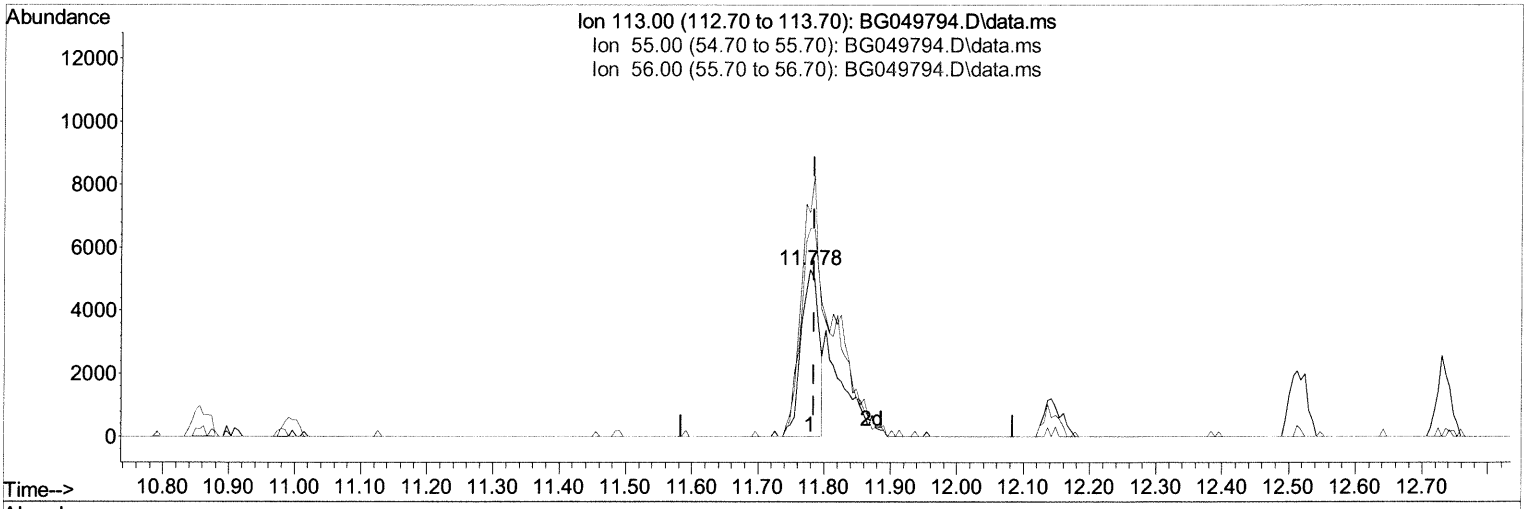

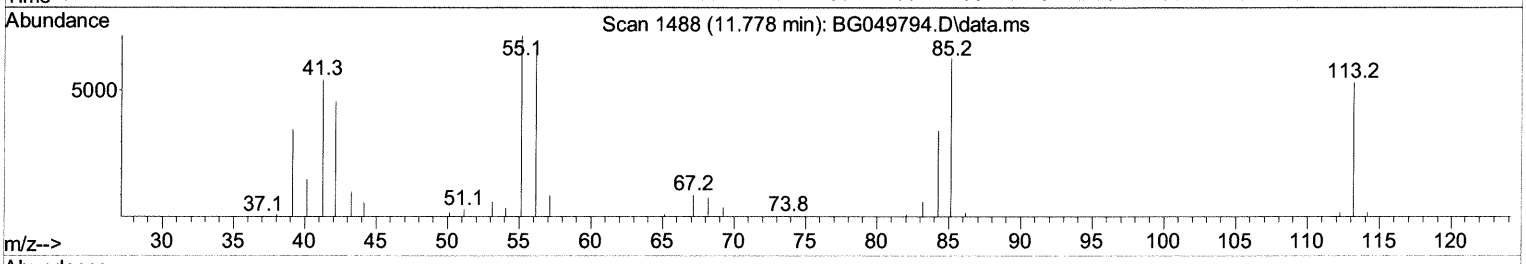

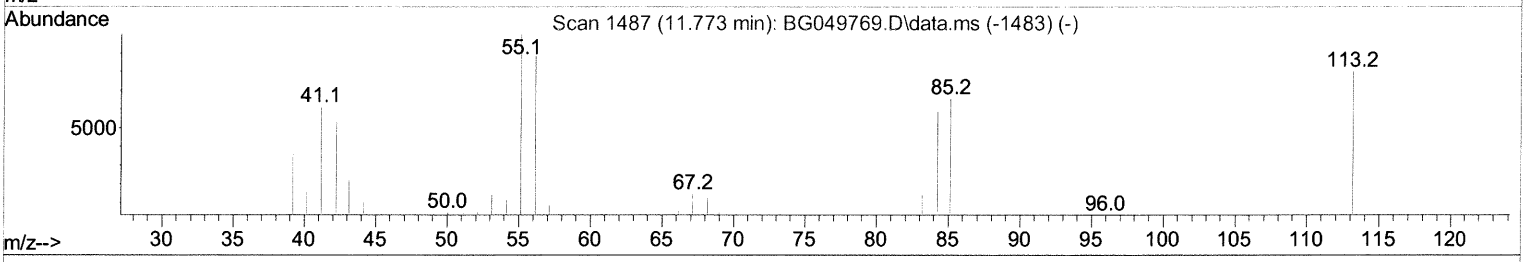

TIC: BG049794.D\data.ms

(34) Caprolactam

11.778min (-0.006) 13.01 ng/ul

response 9922

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	134.03
56.00	125.20	124.78
0.00	0.00	0.00

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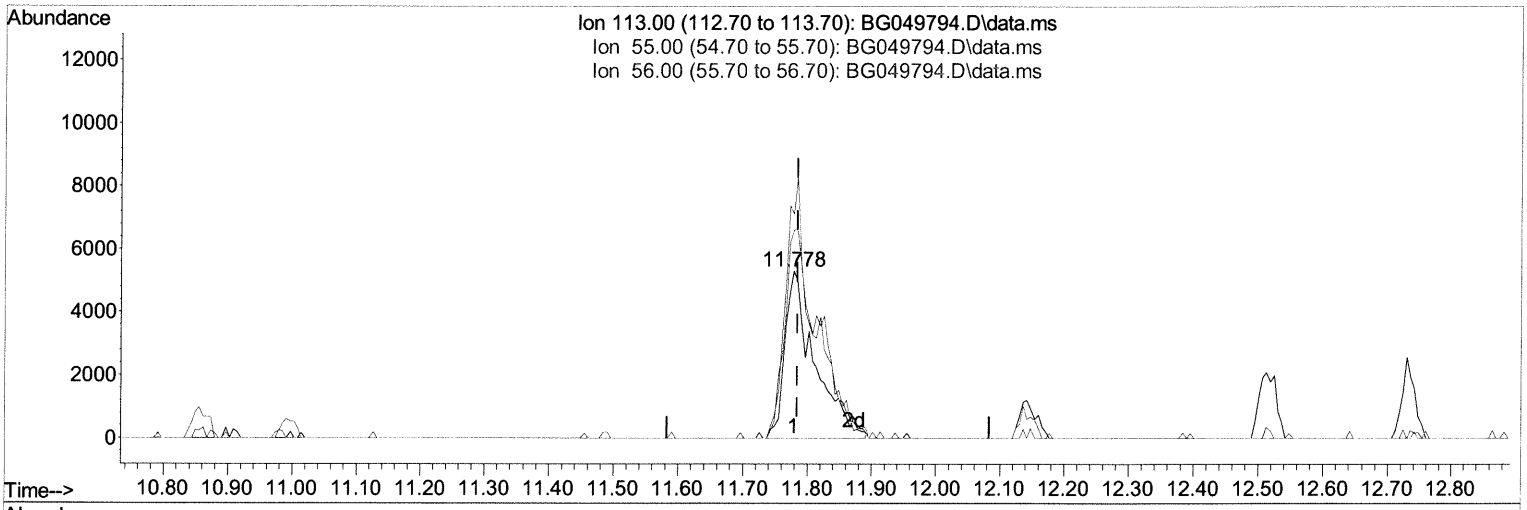

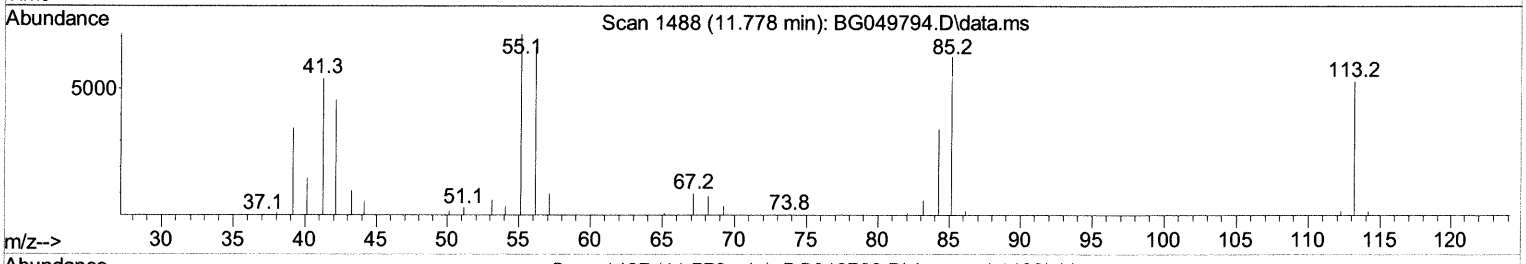

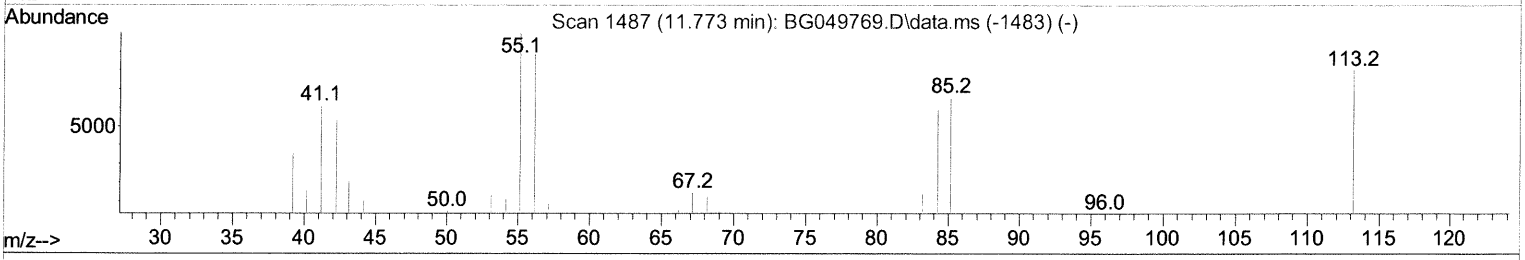

TIC: BG049794.D\data.ms

(34) Caprolactam

11.778min (-0.006) 22.32 ng/ul m

JU 8/13/21

response 17030

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	134.03
56.00	125.20	124.78
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	8.036	152	33627	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	148731	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.692	164	110212	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.441	188	248762	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	228340	20.000	ng/ul	# 0.00
88) Perylene-d12	25.001	264	230388	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.419	96	5463	7.595	ng/uL	0.00
4) Pyridine-d5	3.842	84	40494	18.762	ng/ul	0.00
7) Phenol-d5	7.196	99	58894	19.298	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.355	67	34766	19.832	ng/ul	0.00
11) 2-Chlorophenol-d4	7.566	132	45278	20.729	ng/ul	0.00
15) 4-Methylphenol-d8	8.747	113	46337	19.913	ng/ul	0.00
21) Nitrobenzene-d5	9.205	128	23422	19.992	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	26160	19.552	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	50450	19.997	ng/ul	0.00
31) 4-Chloroaniline-d4	10.991	131	69223	20.043	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	165637	19.151	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	188500	18.319	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	25986	18.583	ng/ul	0.00
60) Fluorene-d10	15.679	176	143128	19.252	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	30537	18.239	ng/ul	0.00
73) Anthracene-d10	17.541	188	221574	18.869	ng/ul	0.00
81) Pyrene-d10	19.826	212	248779	19.774	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.772	264	249753	19.784	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.454	88	6028	6.916	ng/uL	90
5) Pyridine	3.865	79	44570	18.626	ng/ul	96
6) Benzaldehyde	7.173	77	27963	17.192	ng/ul	88
8) Phenol	7.226	94	59631	19.722	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.449	93	41901	19.975	ng/ul	93
12) 2-Chlorophenol	7.601	128	44702	20.464	ng/ul	92
13) 2-Methylphenol	8.483	108	48078	20.308	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.565	45	47605	19.857	ng/ul#	89
16) Acetophenone	8.864	105	79219	20.513	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.841	70	41448	19.963	ng/ul	99
18) 4-Methylphenol	8.812	108	51276	20.731	ng/ul	86
19) Hexachloroethane	9.123	117	21387	22.077	ng/ul	91
22) Nitrobenzene	9.246	77	66440	19.123	ng/ul	100
23) Isophorone	9.769	82	119871	20.403	ng/ul	95
25) 2-Nitrophenol	9.963	139	28501	20.796	ng/ul	95
26) 2,4-Dimethylphenol	10.022	107	62486	19.757	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.251	93	59974	20.148	ng/ul#	96
29) 2,4-Dichlorophenol	10.503	162	48410	20.287	ng/ul#	93
30) Naphthalene	10.909	128	153504	19.763	ng/ul	97
32) 4-Chloroaniline	11.015	127	63541	19.226	ng/ul	97
33) Hexachlorobutadiene	11.191	225	38474	19.629	ng/ul	93
34) Caprolactam	11.778	113	17030m	22.322	ng/ul	93
35) 4-Chloro-3-methylphenol	12.148	107	59932	21.672	ng/ul#	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.512	142	115538	19.427	ng/ul	99
37) 1-Methylnaphthalene	12.736	142	112568	19.451	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.883	216	64204	18.757	ng/ul	97
40) Hexachlorocyclopentadiene	12.859	237	39086	19.360	ng/ul#	87
41) 2,4,6-Trichlorophenol	13.123	196	42634	19.464	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.206	196	43954	18.702	ng/ul	97
43) 1,1'-Biphenyl	13.517	154	152145	18.532	ng/ul	93
44) 2-Chloronaphthalene	13.564	162	124573	19.383	ng/ul	98
45) 2-Nitroaniline	13.770	65	43025	19.016	ng/ul	88
47) Dimethylphthalate	14.134	163	168001	19.569	ng/ul#	95
48) 2,6-Dinitrotoluene	14.263	165	36845	21.014	ng/ul	93
50) Acenaphthylene	14.410	152	188994	19.467	ng/ul	99
51) 3-Nitroaniline	14.592	138	28418	18.206	ng/ul#	94
52) Acenaphthene	14.757	153	132095	19.049	ng/ul	93
53) 2,4-Dinitrophenol	14.809	184	20081	20.788	ng/ul	93
55) 4-Nitrophenol	14.909	109	34379	18.799	ng/ul	92
56) Dibenzofuran	15.085	168	183277	19.052	ng/ul	100
57) 2,4-Dinitrotoluene	15.050	165	51217	20.251	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.315	232	41234	21.290	ng/ul#	94
59) Diethylphthalate	15.497	149	173821	20.082	ng/ul	98
61) Fluorene	15.738	166	156662	20.026	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.726	204	86534	20.318	ng/ul	95
63) 4-Nitroaniline	15.761	138	27883	19.106	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.820	198	29642	18.893	ng/ul	96
67) N-Nitrosodiphenylamine	15.943	169	129264	18.854	ng/ul	94
68) 4-Bromophenyl-phenylether	16.625	248	59064	20.412	ng/ul	93
69) Hexachlorobenzene	16.748	284	66649	20.347	ng/ul	97
70) Atrazine	16.889	200	60637	20.105	ng/ul	98
71) Pentachlorophenol	17.095	266	31235	19.910	ng/ul	95
72) Phenanthrene	17.482	178	256026	19.445	ng/ul	100
74) Anthracene	17.576	178	257730	19.568	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.488	216	66612	18.230	ng/uL	95
76) Pentachlorobenzene	15.009	250	71095	18.450	ng/uL	98
77) Carbazole	17.846	167	225232	19.137	ng/ul	99
78) Di-n-butylphthalate	18.393	149	291253	20.240	ng/ul	99
80) Fluoranthene	19.491	202	315067	20.292	ng/ul	97
82) Pyrene	19.855	202	313427	20.239	ng/ul	99
83) Butylbenzylphthalate	20.731	149	125432	21.253	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.612	252	97775	18.087	ng/ul	99
85) Benzo(a)anthracene	21.700	228	295222	19.692	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.594	149	173065	20.019	ng/ul	99
87) Chrysene	21.771	228	280022	19.999	ng/ul	99
89) Di-n-octyl phthalate	22.816	149	288943	20.106	ng/ul	100
90) Benzo(b)fluoranthene	23.956	252	300146	19.932	ng/ul	100
91) Benzo(k)fluoranthene	24.026	252	297895	19.924	ng/ul	98
93) Benzo(a)pyrene	24.843	252	273058	20.598	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.749	276	352804	20.280	ng/ul	99
95) Dibenzo(a,h)anthracene	28.808	278	292983	20.188	ng/ul	100
96) Benzo(g,h,i)perylene	29.924	276	290226	20.062	ng/ul	98

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