Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050395.D
Acq On : 2 Oct 2021 19:00
Operator : CG/JU
Sample : PB139405BS
Misc :
ALS Vial : 81 Sample Multiplier: 1

Quant Time: Oct 04 01:08:18 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 :
SLCS405

Manual Integrations APPROVED
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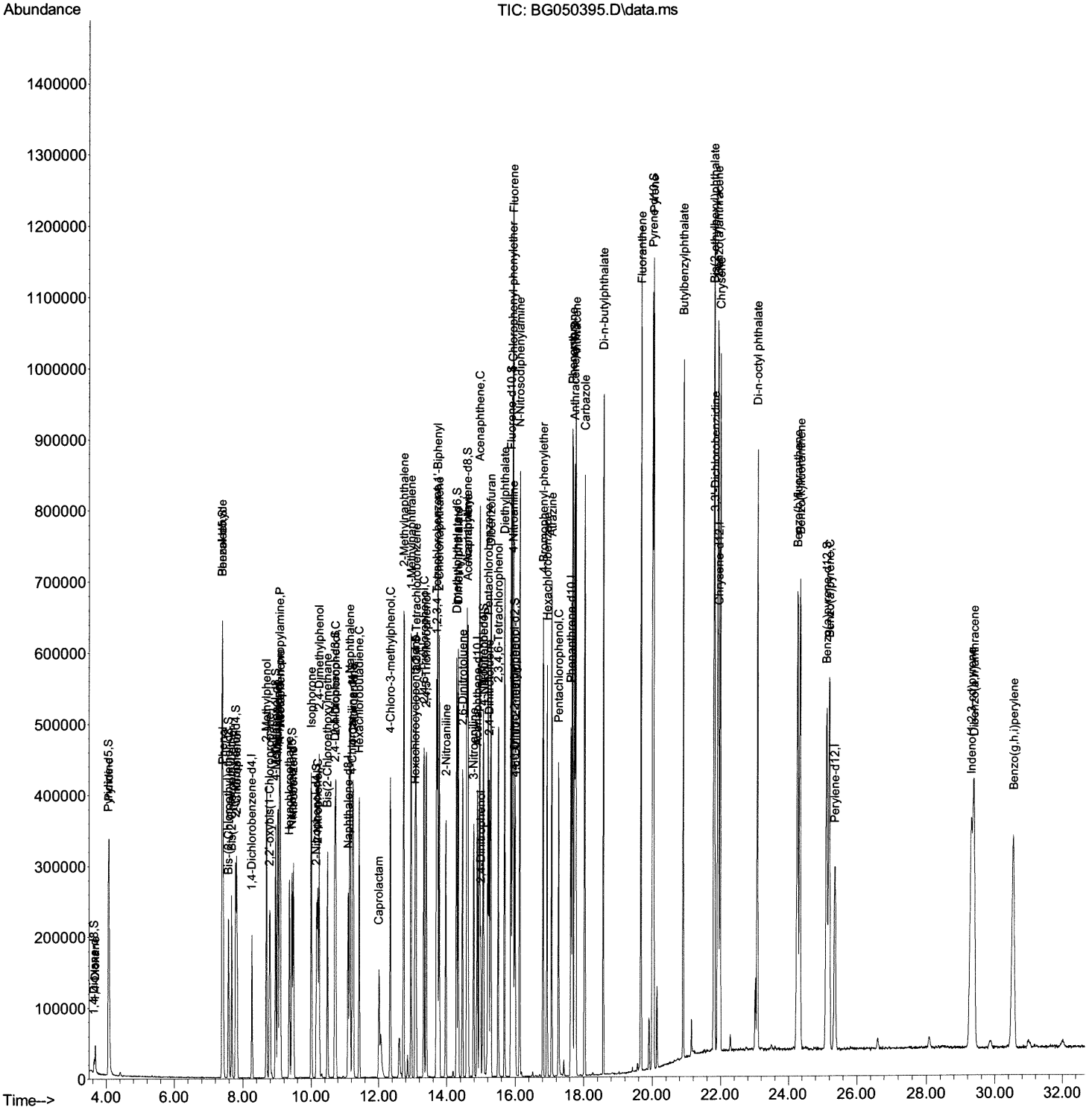
10/4/2021 11:51:27 AM



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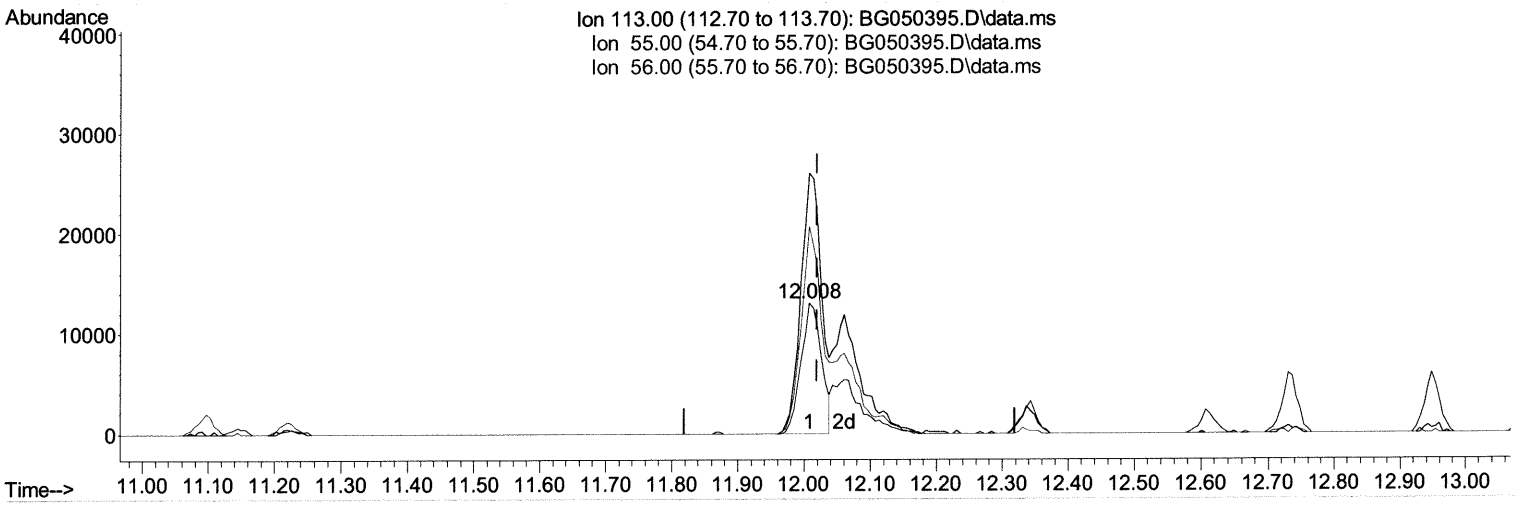

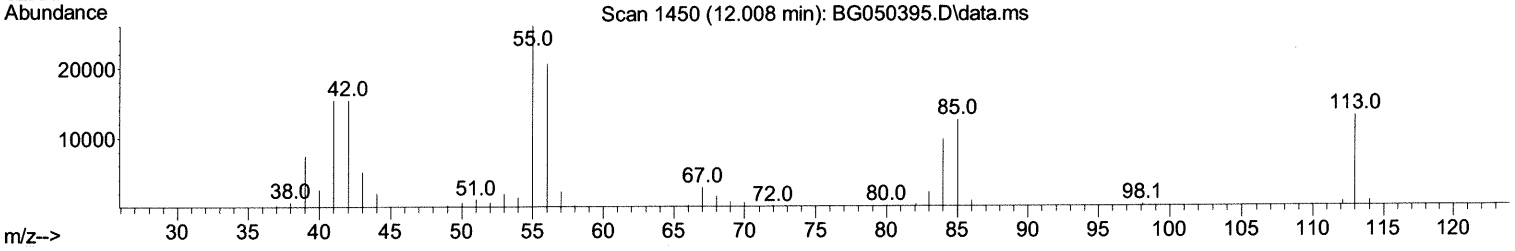

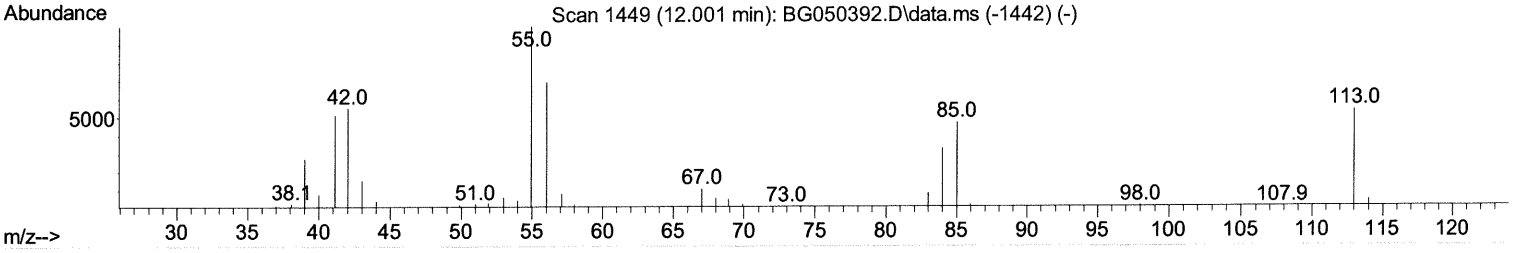

TIC: BG050395.D\data.ms

(34) Caprolactam

12.008min (-0.011) 22.70 ng/ul

response 27865

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	199.11
56.00	132.30	158.26
0.00	0.00	0.00

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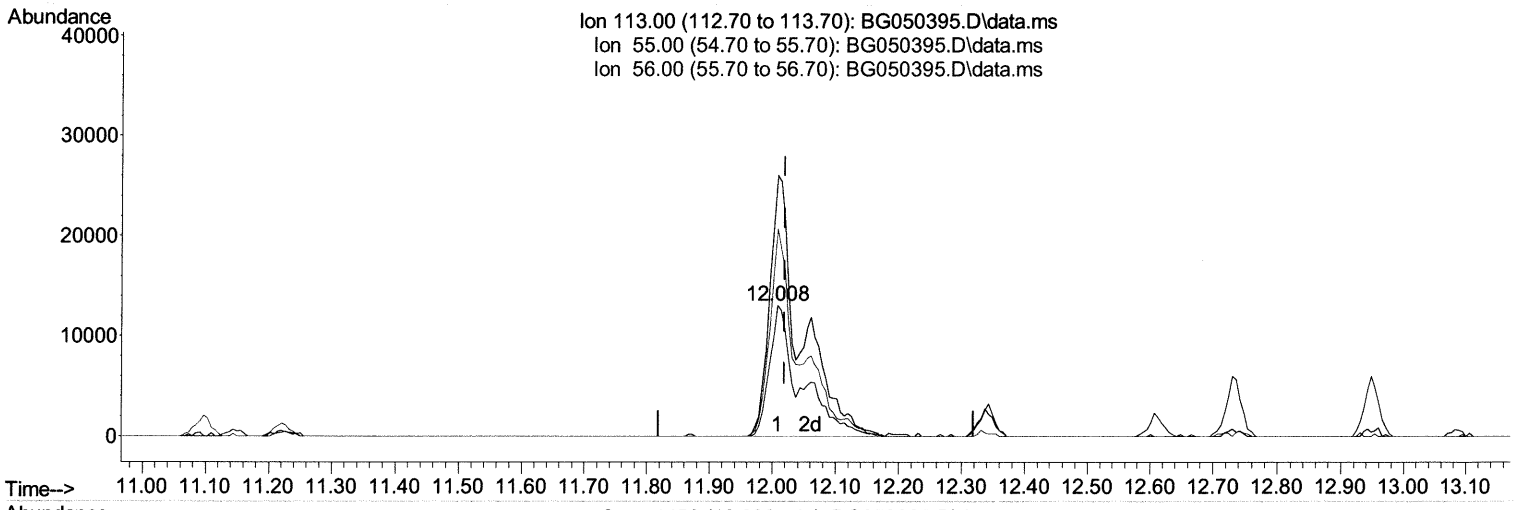

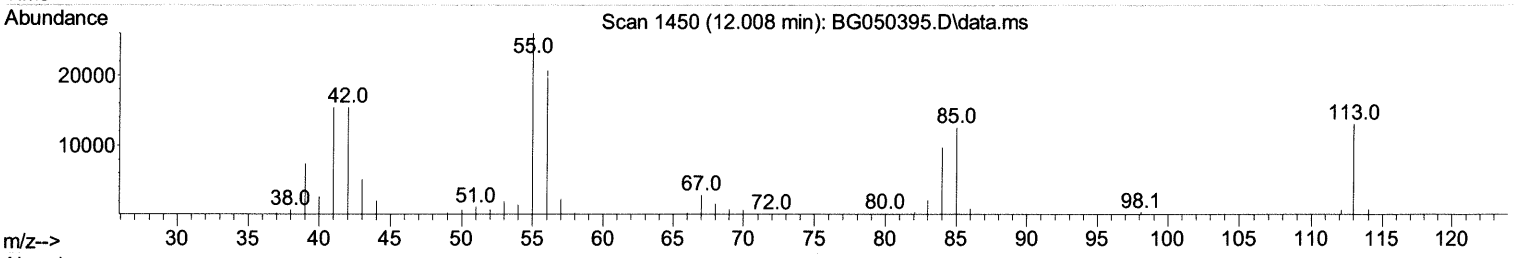

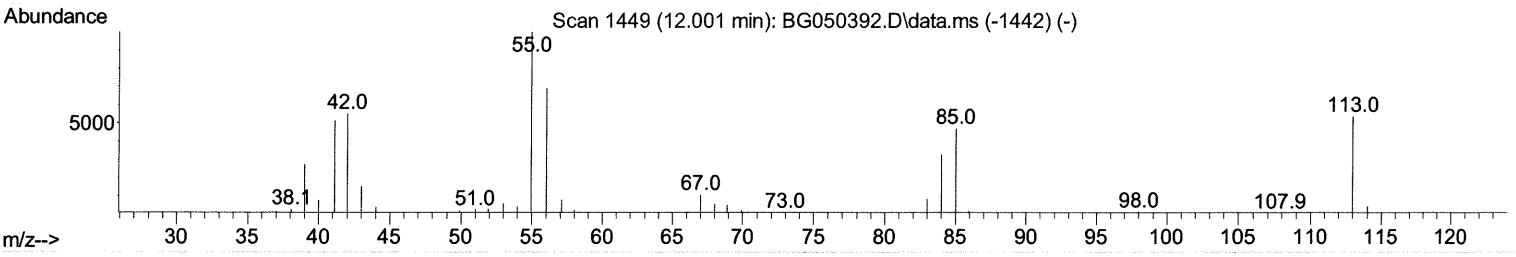

TIC: BG050395.D\data.ms

(34) Caprolactam

12.008min (-0.011) 36.24 ng/ul m 10/05/21 JU

response 44497

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	199.11
56.00	132.30	158.26
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	8.271	152	51938	20.000	ng/ul	0.00
20) Naphthalene-d8	11.097	136	216502	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.887	164	142072	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.630	188	302195	20.000	ng/ul	0.00
79) Chrysene-d12	21.937	240	274218	20.000	ng/ul	-0.01
88) Perylene-d12	25.357	264	276568	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.635	96	11235	7.947	ng/uL	0.00
4) Pyridine-d5	4.064	84	156862	37.237	ng/ul	0.00
7) Phenol-d5	7.401	99	183888	40.524	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.583	67	117315	41.078	ng/ul	0.00
11) 2-Chlorophenol-d4	7.795	132	128772	40.500	ng/ul	0.00
15) 4-Methylphenol-d8	8.964	113	140601	40.936	ng/ul	0.00
21) Nitrobenzene-d5	9.440	128	65255	43.085	ng/ul	0.00
24) 2-Nitrophenol-d4	10.163	143	70435	43.332	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.703	165	128993	40.187	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	166904	36.399	ng/ul	0.00
46) Dimethylphthalate-d6	14.281	166	376299	38.702	ng/ul	-0.01
49) Acenaphthylene-d8	14.587	160	474718	38.877	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	71255	38.049	ng/ul	0.00
60) Fluorene-d10	15.874	176	334207	38.151	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.979	200	61994	41.130	ng/ul	0.00
73) Anthracene-d10	17.730	188	500023	39.167	ng/ul	0.00
81) Pyrene-d10	20.004	212	586559	40.227	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.122	264	534357	38.424	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.676	88	24477	14.311	ng/uL	89
5) Pyridine	4.082	79	162507	38.084	ng/ul	99
6) Benzaldehyde	7.401	77	128798	43.037	ng/ul	94
8) Phenol	7.431	94	186066	40.004	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.677	93	142206	40.761	ng/ul	100
12) 2-Chlorophenol	7.830	128	127252	39.118	ng/ul#	90
13) 2-Methylphenol	8.694	108	137810	40.205	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.788	45	227339	43.432	ng/ul	98
16) Acetophenone	9.099	105	210702	38.610	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.076	70	129157	39.382	ng/ul	96
18) 4-Methylphenol	9.029	108	145640	40.120	ng/ul	95
19) Hexachloroethane	9.364	117	55314	39.564	ng/ul	96
22) Nitrobenzene	9.481	77	190734	42.019	ng/ul	97
23) Isophorone	10.010	82	342955	39.314	ng/ul	99
25) 2-Nitrophenol	10.198	139	71927	43.053	ng/ul	92
26) 2,4-Dimethylphenol	10.239	107	159895	38.556	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.486	93	186891	39.682	ng/ul	96
29) 2,4-Dichlorophenol	10.727	162	123998	39.019	ng/ul	95
30) Naphthalene	11.150	128	425441	38.275	ng/ul	99
32) 4-Chloroaniline	11.244	127	162722	35.248	ng/ul	95
33) Hexachlorobutadiene	11.420	225	86126	37.294	ng/ul	97
34) Caprolactam	12.008	113	44497m	36.243	ng/ul	96
35) 4-Chloro-3-methylphenol	12.337	107	151551	40.450	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.730	142	299000	39.566	ng/ul	99
37) 1-Methylnaphthalene	12.948	142	281782	37.039	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.095	216	161625	39.421	ng/ul	98
40) Hexachlorocyclopentadiene	13.065	237	86190	31.699	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.324	196	108983	42.173	ng/ul	99
42) 2,4,5-Trichlorophenol	13.394	196	114749	40.593	ng/ul	99
43) 1,1'-Biphenyl	13.723	154	373094	39.023	ng/ul	99
44) 2-Chloronaphthalene	13.770	162	288405	38.503	ng/ul	98
45) 2-Nitroaniline	13.970	65	113727	46.376	ng/ul	94
47) Dimethylphthalate	14.328	163	365923	37.404	ng/ul	98
48) 2,6-Dinitrotoluene	14.452	165	76514	41.579	ng/ul	98
50) Acenaphthylene	14.610	152	436820	35.268	ng/ul	98
51) 3-Nitroaniline	14.781	138	78764	39.348	ng/ul	92
52) Acenaphthene	14.951	153	319759	39.061	ng/ul	99
53) 2,4-Dinitrophenol	14.986	184	42482	37.037	ng/ul#	90
55) 4-Nitrophenol	15.069	109	73043	39.444	ng/ul	96
56) Dibenzofuran	15.286	168	439727	36.934	ng/ul	96
57) 2,4-Dinitrotoluene	15.233	165	108067	40.442	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.498	232	94016	38.676	ng/ul#	87
59) Diethylphthalate	15.686	149	383831	37.602	ng/ul	99
61) Fluorene	15.932	166	350094	36.961	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.915	204	187535	36.558	ng/ul	94
63) 4-Nitroaniline	15.944	138	79303	39.231	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.997	198	60565	40.650	ng/ul	96
67) N-Nitrosodiphenylamine	16.126	169	308533	40.380	ng/ul	99
68) 4-Bromophenyl-phenylether	16.814	248	114205	40.592	ng/ul	96
69) Hexachlorobenzene	16.931	284	116565	39.344	ng/ul	97
70) Atrazine	17.066	200	124692	38.328	ng/ul	94
71) Pentachlorophenol	17.272	266	76714	39.538	ng/ul	97
72) Phenanthrene	17.672	178	583142	38.658	ng/ul	99
74) Anthracene	17.766	178	576737	38.605	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.694	216	172245	43.233	ng/uL	99
76) Pentachlorobenzene	15.198	250	143170	39.335	ng/uL	99
77) Carbazole	18.030	167	534251	39.954	ng/ul	99
78) Di-n-butylphthalate	18.570	149	646182	40.780	ng/ul	99
80) Fluoranthene	19.669	202	718104	39.217	ng/ul	99
82) Pyrene	20.033	202	695061	38.493	ng/ul	98
83) Butylbenzylphthalate	20.903	149	289549	43.504	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.820	252	232631	41.160	ng/ul	99
85) Benzo(a)anthracene	21.914	228	653506	39.531	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.796	149	423646	44.296	ng/ul	100
87) Chrysene	21.984	228	621876	39.253	ng/ul	99
89) Di-n-octyl phthalate	23.083	149	721840	45.422	ng/ul	100
90) Benzo(b)fluoranthene	24.264	252	670661	39.812	ng/ul	99
91) Benzo(k)fluoranthene	24.340	252	652412	41.620	ng/ul	100
93) Benzo(a)pyrene	25.204	252	589697	36.688	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.293	276	731247	40.521	ng/ul	98
95) Dibenzo(a,h)anthracene	29.370	278	610545	39.757	ng/ul	99
96) Benzo(g,h,i)perylene	30.533	276	595490	39.145	ng/ul	95

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