Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050329.D
Acq On : 30 Sep 2021 18:31
Operator : CG/JU
Sample : PB139217BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 01 02:46:21 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 :
SLCS217

Manual Integrations APPROVED
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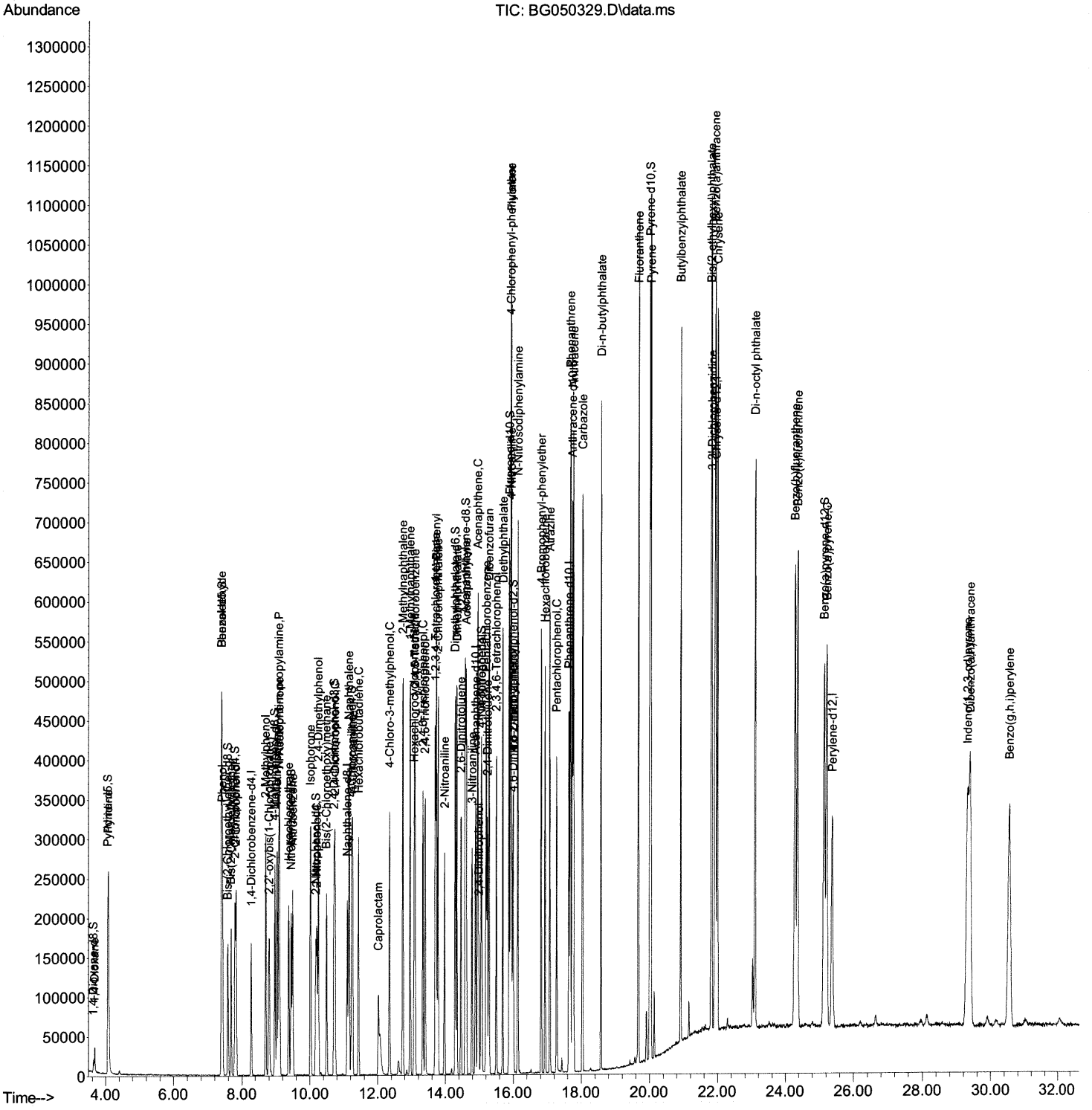
10/1/2021 11:30:01 AM



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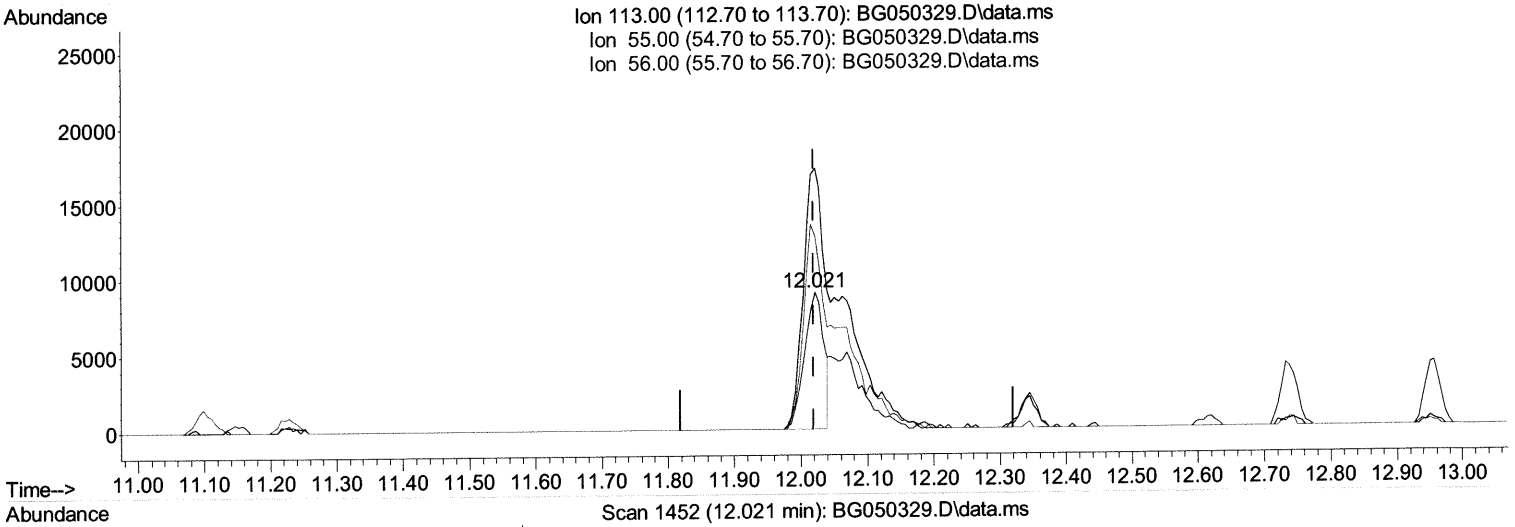

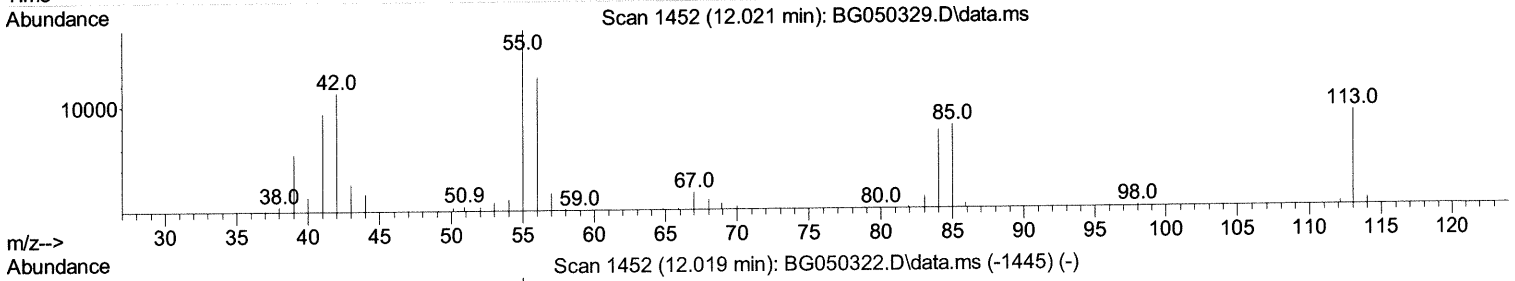

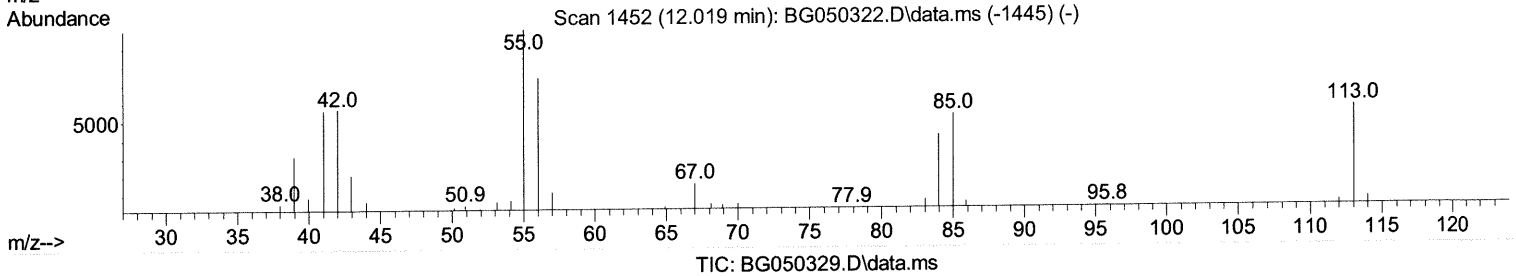

TIC: BG050329.D\data.ms

(34) Caprolactam

12.021min (+ 0.002) 17.44 ng/ul

response 18039

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	190.16
56.00	132.30	140.60
0.00	0.00	0.00

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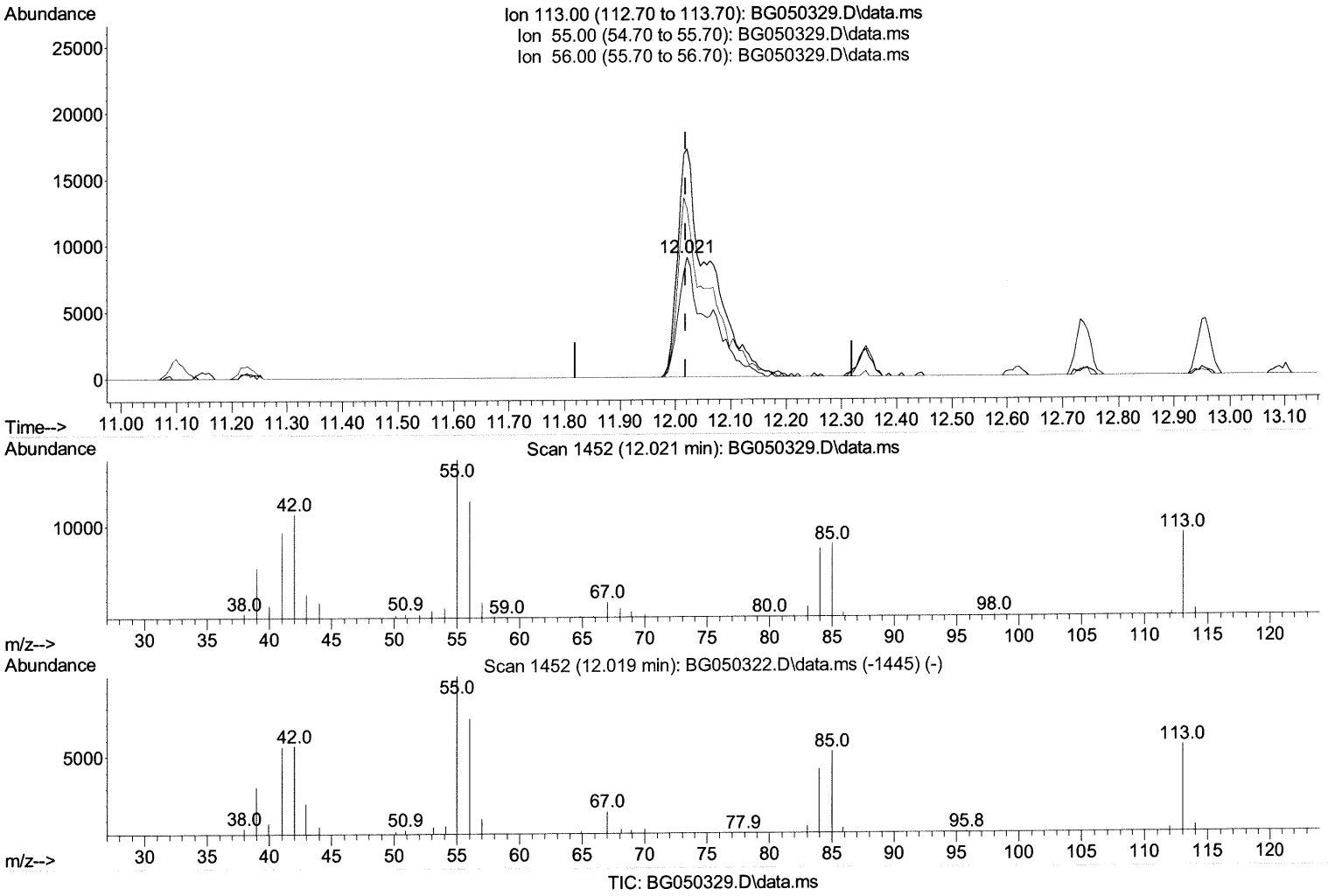

TIC: BG050329.D\data.ms

(34) Caprolactam

12.021min (+ 0.002) 33.48 ng/ul m 10/05/21 JU

response 34637

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	190.16
56.00	132.30	140.60
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	8.278	152	43436	20.000	ng/ul	0.00
20) Naphthalene-d8	11.099	136	182412	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.894	164	126377	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.632	188	292220	20.000	ng/ul	0.00
79) Chrysene-d12	21.939	240	288751	20.000	ng/ul	0.00
88) Perylene-d12	25.370	264	296676	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.643	96	8011	6.776	ng/uL	0.00
4) Pyridine-d5	4.066	84	116438	33.051	ng/ul	0.00
7) Phenol-d5	7.409	99	133328	35.133	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.591	67	84949	35.567	ng/ul	0.00
11) 2-Chlorophenol-d4	7.797	132	93123	35.021	ng/ul	0.00
15) 4-Methylphenol-d8	8.966	113	101420	35.308	ng/ul	0.00
21) Nitrobenzene-d5	9.448	128	46525	36.459	ng/ul	0.00
24) 2-Nitrophenol-d4	10.170	143	50491	36.867	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.705	165	97792	36.160	ng/ul	0.00
31) 4-Chloroaniline-d4	11.228	131	130439	33.763	ng/ul	0.00
46) Dimethylphthalate-d6	14.289	166	304016	35.151	ng/ul	0.00
49) Acenaphthylene-d8	14.589	160	373250	34.364	ng/ul	0.00
54) 4-Nitrophenol-d4	15.059	143	59152	35.509	ng/ul	0.00
60) Fluorene-d10	15.881	176	270671	34.736	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.987	200	52877	36.279	ng/ul	0.00
73) Anthracene-d10	17.732	188	440938	35.718	ng/ul	0.00
81) Pyrene-d10	20.006	212	552394	35.977	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.135	264	505637	33.895	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.678	88	18081	12.641	ng/uL#	88
5) Pyridine	4.083	79	120065	33.645	ng/ul	99
6) Benzaldehyde	7.409	77	93768	37.465	ng/ul	98
8) Phenol	7.432	94	137681	35.395	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.685	93	102263	35.050	ng/ul	94
12) 2-Chlorophenol	7.832	128	95437	35.081	ng/ul	96
13) 2-Methylphenol	8.696	108	101303	35.339	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.796	45	161019	36.783	ng/ul	97
16) Acetophenone	9.101	105	159282	34.901	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.083	70	94803	34.565	ng/ul#	95
18) 4-Methylphenol	9.031	108	109447	36.052	ng/ul	94
19) Hexachloroethane	9.371	117	41921	35.854	ng/ul	95
22) Nitrobenzene	9.489	77	139947	36.592	ng/ul	98
23) Isophorone	10.012	82	247241	33.639	ng/ul	99
25) 2-Nitrophenol	10.206	139	51394	36.512	ng/ul	99
26) 2,4-Dimethylphenol	10.247	107	120792	34.571	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.488	93	138716	34.957	ng/ul	98
29) 2,4-Dichlorophenol	10.734	162	94841	35.422	ng/ul	94
30) Naphthalene	11.152	128	320731	34.247	ng/ul	100
32) 4-Chloroaniline	11.251	127	130584	33.573	ng/ul	97
33) Hexachlorobutadiene	11.428	225	66227	34.037	ng/ul	99
34) Caprolactam	12.021	113	34637m>	33.484	ng/ul >	10/05/21 JU
35) 4-Chloro-3-methylphenol	12.344	107	113000	35.797	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.738	142	228428	35.876	ng/ul	97
37) 1-Methylnaphthalene	12.955	142	215845	33.674	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.096	216	128687	35.285	ng/ul	99
40) Hexachlorocyclopentadiene	13.073	237	76359	31.571	ng/ul	90
41) 2,4,6-Trichlorophenol	13.326	196	84128	36.598	ng/ul	98
42) 2,4,5-Trichlorophenol	13.396	196	92547	36.805	ng/ul	98
43) 1,1'-Biphenyl	13.731	154	295219	34.712	ng/ul	99
44) 2-Chloronaphthalene	13.778	162	228204	34.250	ng/ul	97
45) 2-Nitroaniline	13.972	65	83045	38.070	ng/ul	98
47) Dimethylphthalate	14.336	163	302037	34.708	ng/ul	99
48) 2,6-Dinitrotoluene	14.459	165	59912	36.601	ng/ul	92
50) Acenaphthylene	14.618	152	349823	31.752	ng/ul	98
51) 3-Nitroaniline	14.788	138	64288	36.105	ng/ul	86
52) Acenaphthene	14.953	153	255151	35.040	ng/ul	97
53) 2,4-Dinitrophenol	14.988	184	37121	36.382	ng/ul#	85
55) 4-Nitrophenol	15.071	109	59969	36.406	ng/ul	93
56) Dibenzofuran	15.288	168	363807	34.352	ng/ul	99
57) 2,4-Dinitrotoluene	15.241	165	88618	37.282	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.505	232	79812	36.910	ng/ul#	96
59) Diethylphthalate	15.693	149	320210	35.265	ng/ul	100
61) Fluorene	15.934	166	290244	34.448	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.922	204	158860	34.815	ng/ul	96
63) 4-Nitroaniline	15.946	138	67504	37.541	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.999	198	52681	36.565	ng/ul	93
67) N-Nitrosodiphenylamine	16.134	169	259302	35.095	ng/ul	99
68) 4-Bromophenyl-phenylether	16.816	248	100084	36.787	ng/ul	94
69) Hexachlorobenzene	16.933	284	103107	35.990	ng/ul	99
70) Atrazine	17.074	200	110031	34.976	ng/ul	97
71) Pentachlorophenol	17.274	266	70406	37.526	ng/ul	92
72) Phenanthrene	17.679	178	512118	35.109	ng/ul	99
74) Anthracene	17.767	178	515612	35.692	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.696	216	137497	35.690	ng/uL	98
76) Pentachlorobenzene	15.206	250	122512	34.808	ng/uL	97
77) Carbazole	18.032	167	477300	36.913	ng/ul	99
78) Di-n-butylphthalate	18.578	149	565207	36.887	ng/ul	99
80) Fluoranthene	19.677	202	677673	35.146	ng/ul	98
82) Pyrene	20.035	202	659984	34.711	ng/ul	98
83) Butylbenzylphthalate	20.911	149	256630	36.618	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.827	252	218249	36.671	ng/ul	98
85) Benzo(a)anthracene	21.921	228	624278	35.863	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.804	149	367458	36.487	ng/ul	99
87) Chrysene	21.992	228	595419	35.692	ng/ul	99
89) Di-n-octyl phthalate	23.096	149	631059	37.018	ng/ul	100
90) Benzo(b)fluoranthene	24.271	252	649350	35.934	ng/ul	99
91) Benzo(k)fluoranthene	24.348	252	609368	36.239	ng/ul	97
93) Benzo(a)pyrene	25.212	252	563811	32.700	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.313	276	697488	36.031	ng/ul	99
95) Dibenzo(a,h)anthracene	29.389	278	576500	34.995	ng/ul	97
96) Benzo(g,h,i)perylene	30.552	276	571805	35.040	ng/ul	98

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