Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080619\

Quantitation Report (QT Reviewed)

Data File : BG041996.D
Acq On : 6 Aug 2019 13:35
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 01:23:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 11:05:18 2019
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02086

Manual Integrations APPROVED
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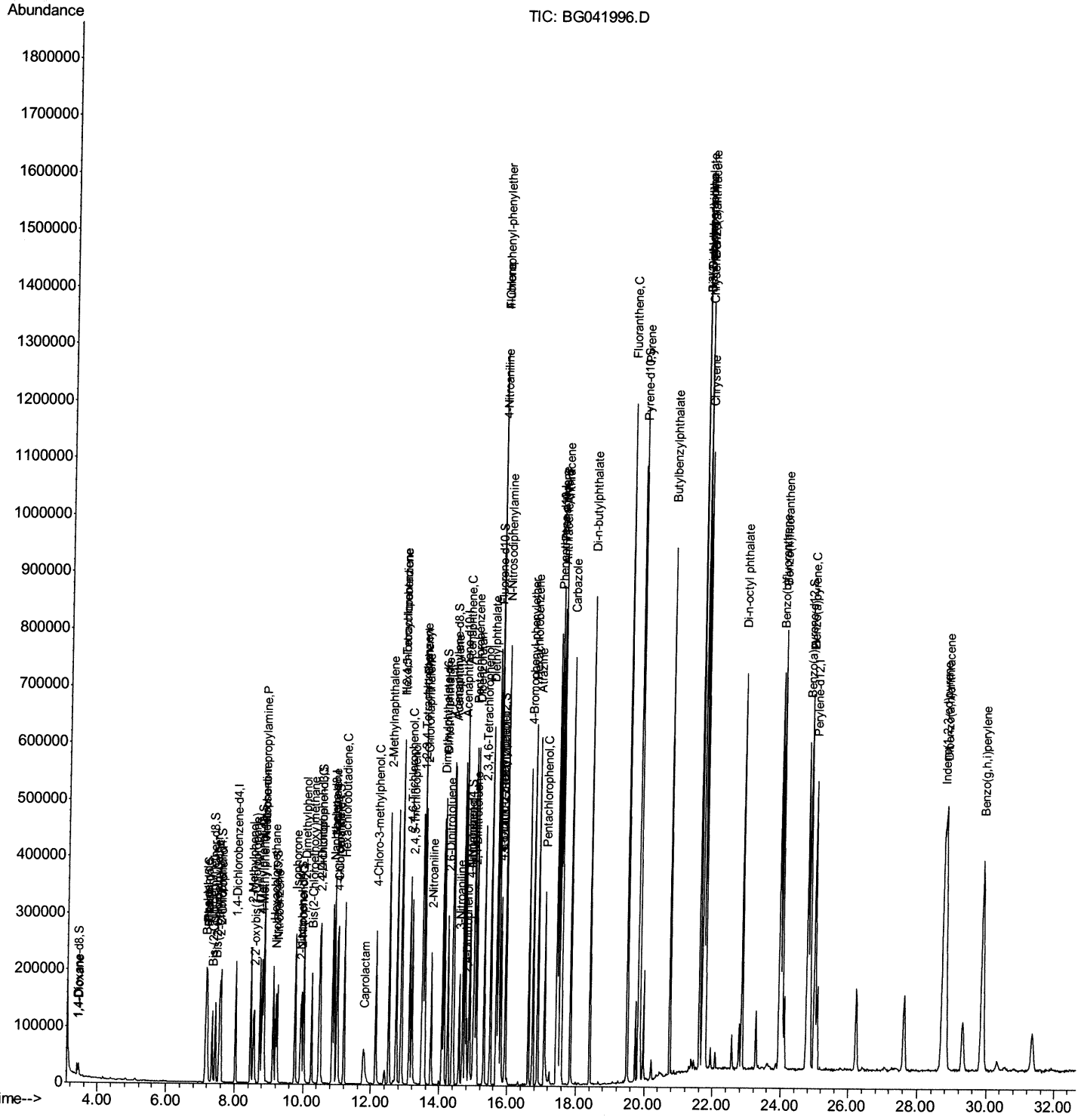
8/7/2019 4:39:43 PM



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Quantitation Report (Qedit)

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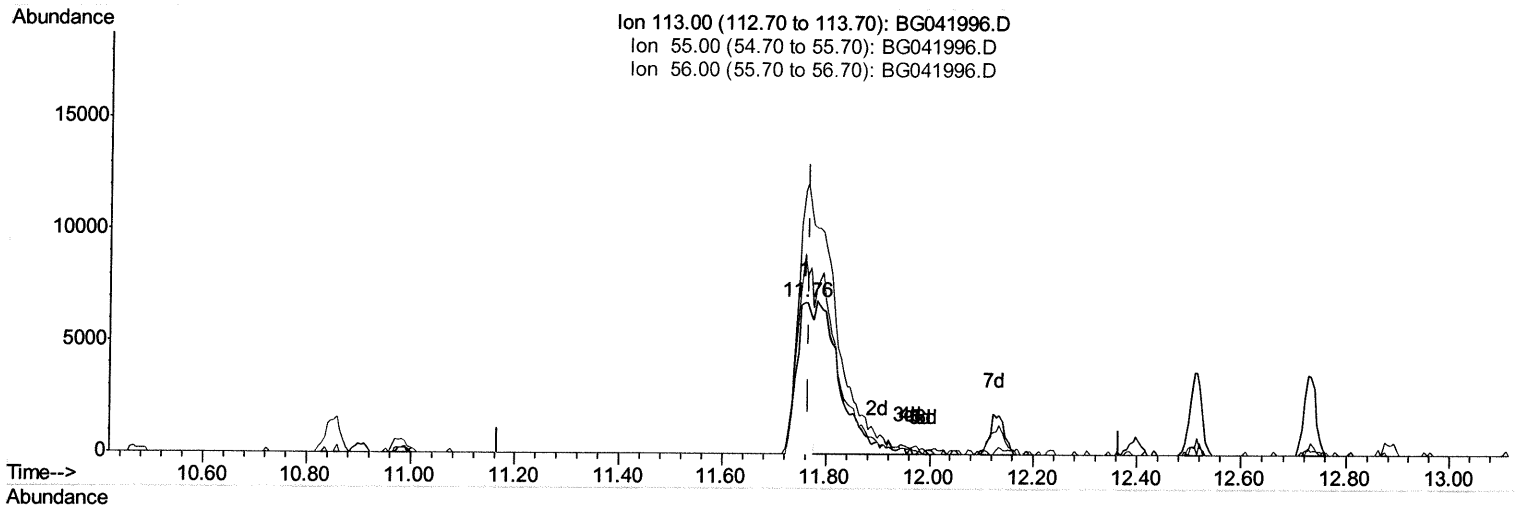
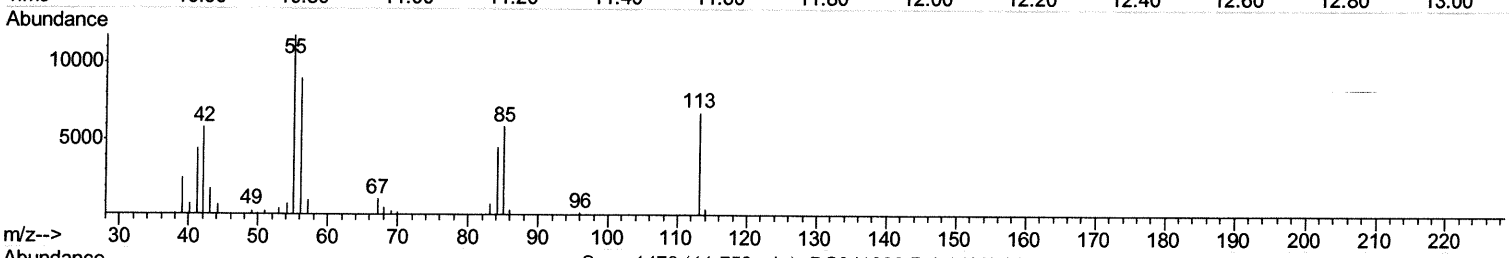
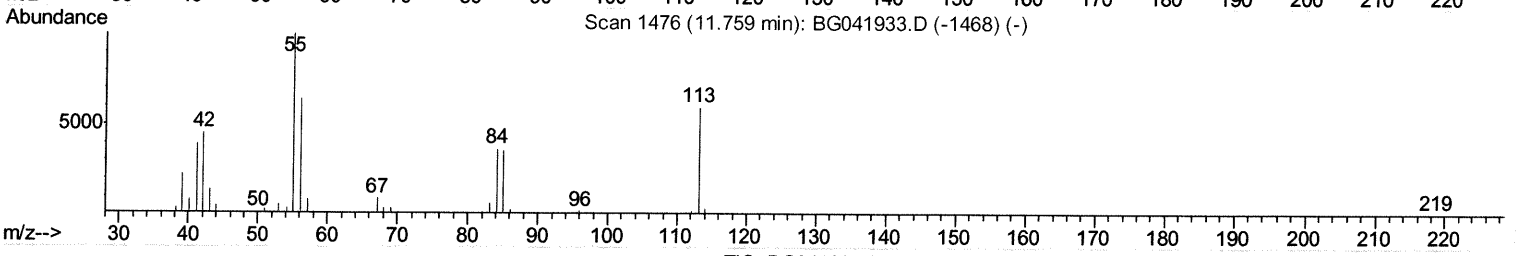




Scan 1476 (11.759 min): BG041933.D (-1468) (-)



TIC: BG041996.D

(32) Caprolactam

11.757min (-0.009) 9.11ng/ul

response 15158

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	173.44
56.00	136.80	132.05
0.00	0.00	0.00

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Manual Integrations APPROVED
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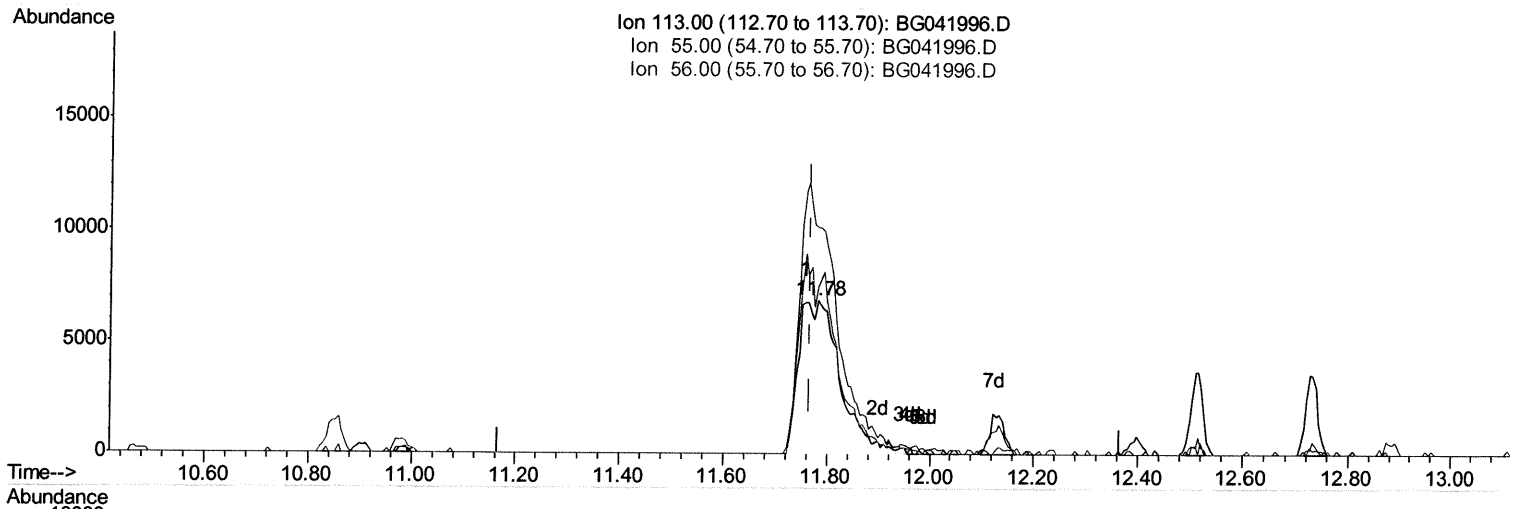

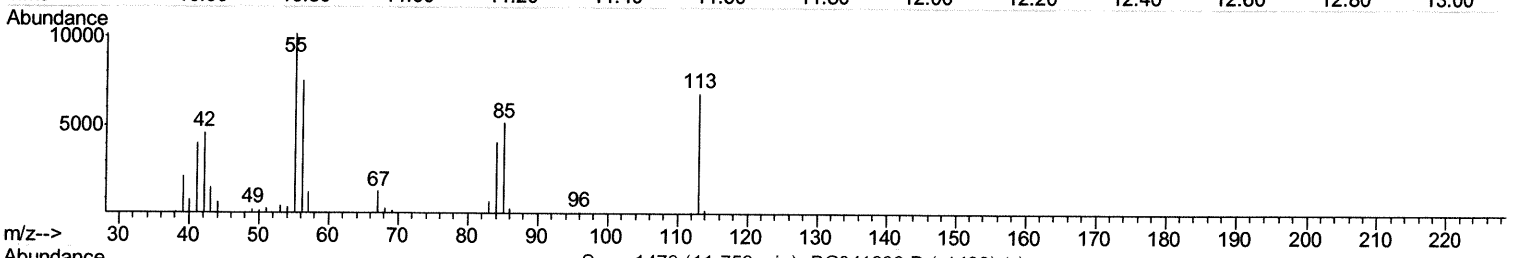

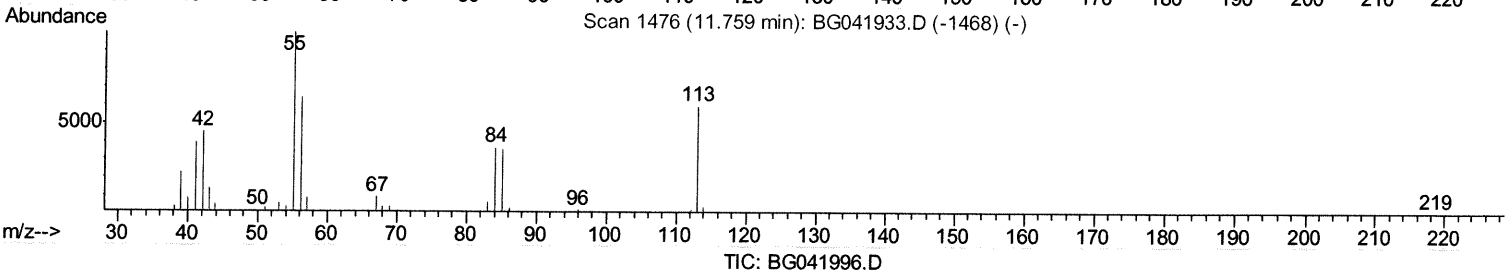

(32) Caprolactam

11.781min (+0.015) 22.79ng/ul m JU 08/08/19

response 37919

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	147.12
56.00	136.80	109.26#
0.00	0.00	0.00

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Manual Integrations APPROVED
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8/7/2019 4:39:43 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	68801	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	293879	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	223910	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	524232	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	522705	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	601229	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	12004	7.63	ng/uL	0.00
5) Phenol-d5	7.17	99	109387	20.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	56368	18.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	97351	21.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	94998	20.96	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	48230	21.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	58892	22.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	120365	23.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	137800	23.95	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	380511	21.91	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	430545	21.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	62980	21.60	ng/ul	0.00
57) Fluorene-d10	15.68	176	336204	21.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	70730	21.03	ng/ul	0.00
70) Anthracene-d10	17.54	188	540553	21.49	ng/ul	0.00
78) Pyrene-d10	19.82	212	635235	21.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	692844	22.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	11286	6.928	ng/uL	90
4) Benzaldehyde	7.16	77	50545	19.812	ng/ul	92
6) Phenol	7.20	94	113103	20.293	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.44	93	86422	20.382	ng/ul	92
10) 2-Chlorophenol	7.59	128	100052	21.382	ng/ul	99
11) 2-Methylphenol	8.47	108	91389	20.452	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.56	45	119537	16.667	ng/ul#	95
14) Acetophenone	8.85	105	150693	21.614	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.84	70	71962	19.539	ng/ul	94
16) 4-Methylphenol	8.80	108	101006	20.924	ng/ul	91
17) Hexachloroethane	9.12	117	38862	20.056	ng/ul	89
20) Nitrobenzene	9.24	77	100147	19.876	ng/ul	95
21) Isophorone	9.77	82	210001	20.904	ng/ul	97
23) 2-Nitrophenol	9.95	139	61969	22.582	ng/ul	93
24) 2,4-Dimethylphenol	10.01	107	106025	19.582	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.25	93	123622	20.727	ng/ul	96
27) 2,4-Dichlorophenol	10.49	162	117175	22.788	ng/ul	97
28) Naphthalene	10.90	128	319870	21.291	ng/ul	98
30) 4-Chloroaniline	11.01	127	138196	23.899	ng/ul	99
31) Hexachlorobutadiene	11.20	225	84919	21.752	ng/ul	99
32) Caprolactam	11.78	113	37919m	22.793	ng/ul	99
33) 4-Chloro-3-methylphenol	12.13	107	110417	21.795	ng/ul	99
34) 2-Methylnaphthalene	12.52	142	261942	21.936	ng/ul	100

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8/7/2019 4:39:43 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	171613	21.436	ng/ul	98
37) Hexachlorocyclopentadiene	12.87	237	119409	23.625	ng/ul	96
38) 2,4,6-Trichlorophenol	13.11	196	111211	22.447	ng/ul	97
39) 2,4,5-Trichlorophenol	13.19	196	120654	21.833	ng/ul	99
40) 1,1'-Biphenyl	13.52	154	342669	21.047	ng/ul	96
41) 2-Chloronaphthalene	13.56	162	278239	21.224	ng/ul	99
42) 2-Nitroaniline	13.76	65	65341	19.053	ng/ul	84
44) Dimethylphthalate	14.14	163	374831	21.739	ng/ul	97
45) 2,6-Dinitrotoluene	14.25	165	83043	22.142	ng/ul	97
47) Acenaphthylene	14.41	152	426398	21.297	ng/ul	99
48) 3-Nitroaniline	14.58	138	64484	21.559	ng/ul	89
49) Acenaphthene	14.75	153	295521	21.109	ng/ul	98
50) 2,4-Dinitrophenol	14.80	184	43507	21.200	ng/ul	97
52) 4-Nitrophenol	14.89	109	45730	21.164	ng/ul	91
53) Dibenzofuran	15.09	168	452039	21.635	ng/ul	99
54) 2,4-Dinitrotoluene	15.04	165	121579	22.295	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.31	232	119486	22.814	ng/ul#	97
56) Diethylphthalate	15.50	149	369622	21.550	ng/ul	97
58) Fluorene	15.74	166	363725	21.613	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.73	204	213697	21.868	ng/ul	97
60) 4-Nitroaniline	15.75	138	70706	21.219	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.81	198	80041	22.089	ng/ul	99
64) N-Nitrosodiphenylamine	15.94	169	338441	21.760	ng/ul	99
65) 4-Bromophenyl-phenylether	16.63	248	154517	22.264	ng/ul	94
66) Hexachlorobenzene	16.75	284	158247	22.703	ng/ul	92
67) Atrazine	16.89	200	145637	22.343	ng/ul	95
68) Pentachlorophenol	17.09	266	93630	24.662	ng/ul	96
69) Phenanthrene	17.49	178	622463	21.689	ng/ul	99
71) Anthracene	17.57	178	626277	21.516	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	179333	21.467	ng/uL	97
73) Pentachlorobenzene	15.01	250	187689	22.220	ng/uL	100
74) Carbazole	17.84	167	553458	22.954	ng/ul	99
75) Di-n-butylphthalate	18.40	149	639126	21.507	ng/ul	100
76) Fluoranthene	19.50	202	790359	23.835	ng/ul	97
79) Pyrene	19.85	202	772654	21.975	ng/ul	99
80) Butylbenzylphthalate	20.74	149	293437	21.203	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.62	252	281774	23.718	ng/ul#	99
82) Benzo(a)anthracene	21.70	228	795319	21.945	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.62	149	403104	21.348	ng/ul	99
84) Chrysene	21.77	228	735395	21.741	ng/ul	98
86) Di-n-octyl phthalate	22.85	149	697166	23.437	ng/ul	100
87) Benzo(b)fluoranthene	23.96	252	840192	22.268	ng/ul	98
88) Benzo(k)fluoranthene	24.02	252	778539	21.461	ng/ul	100
90) Benzo(a)pyrene	24.84	252	790996	22.000	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.73	276	946581	22.572	ng/ul	99
92) Dibenzo(a,h)anthracene	28.79	278	781394	22.843	ng/ul	98
93) Benzo(g,h,i)perylene	29.88	276	790887	22.589	ng/ul	97

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