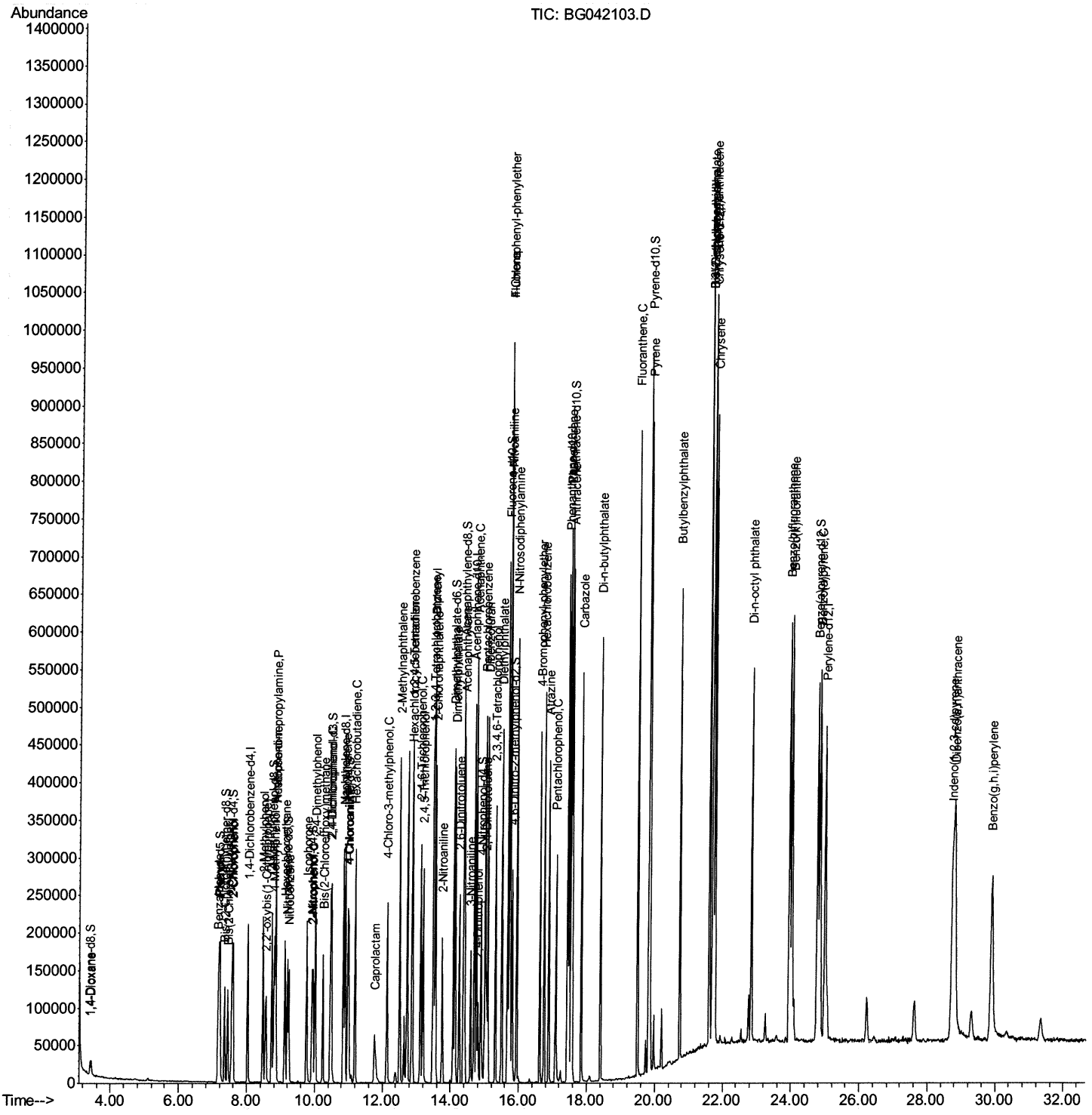
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042103.D
Acq On : 9 Aug 2019 15:17
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 10 02:34:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02096

Manual Integrations APPROVED
Sohil
8/13/2019 8:18:50 AM



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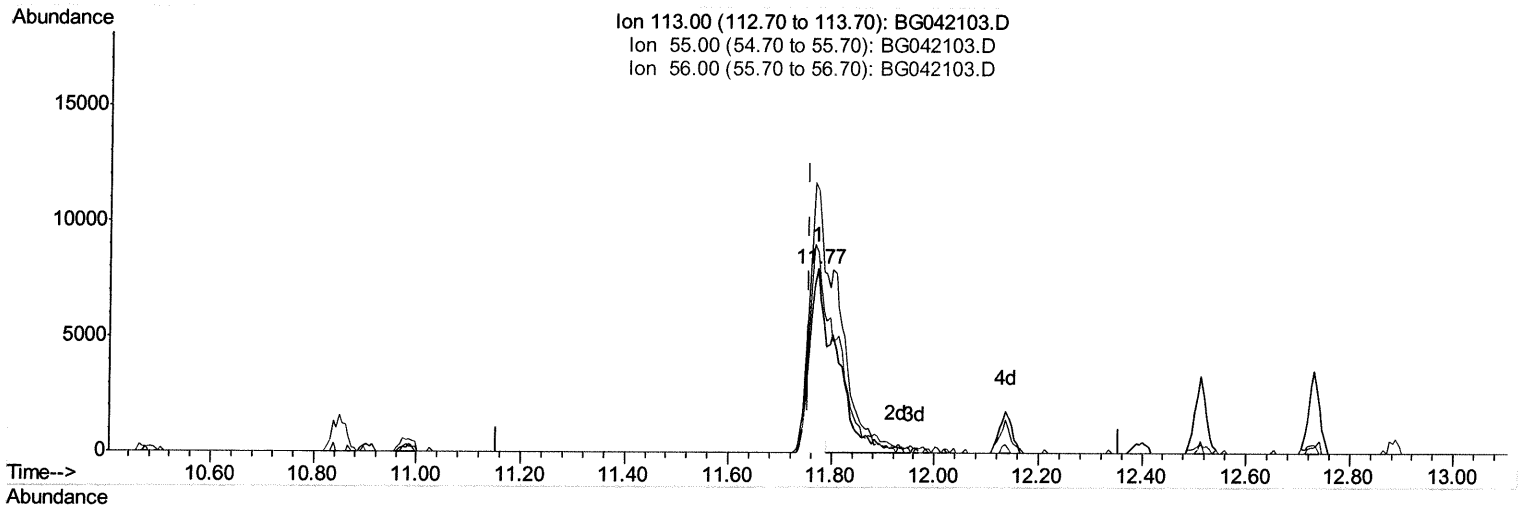

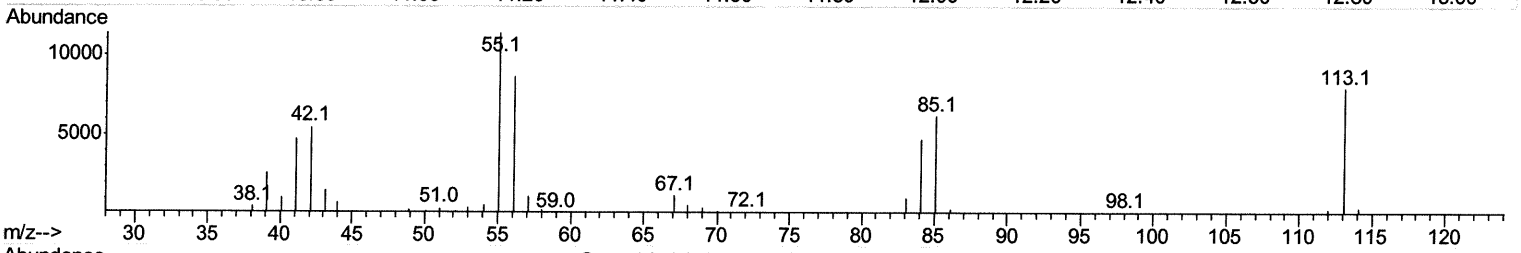

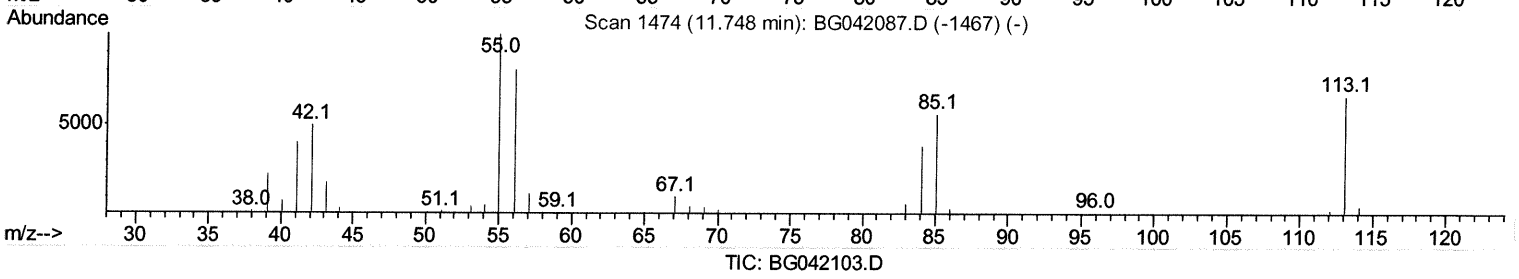

(32) Caprolactam

11.772min (+0.018) 9.88ng/ul

response 16440

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	142.82
56.00	136.80	108.82#
0.00	0.00	0.00

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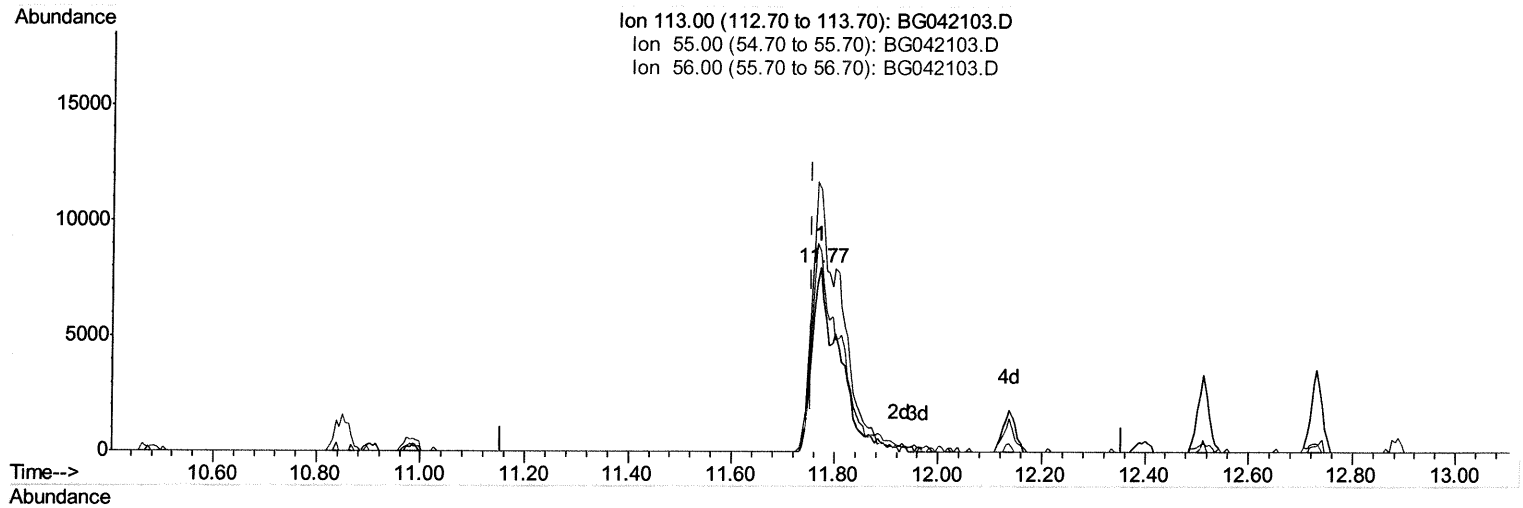

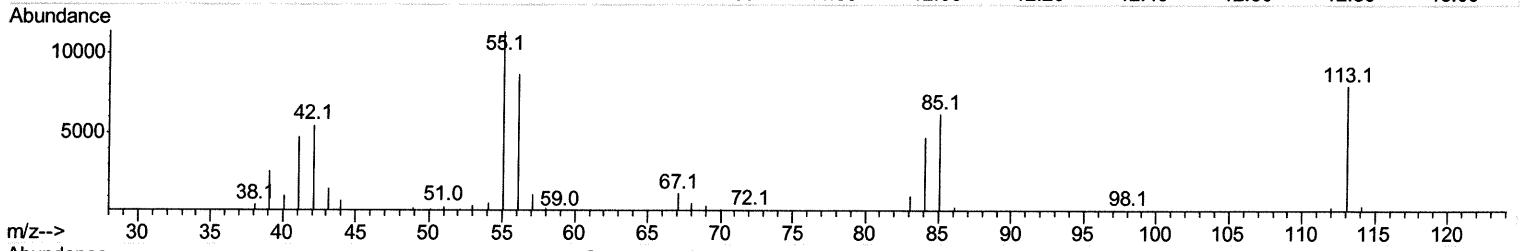

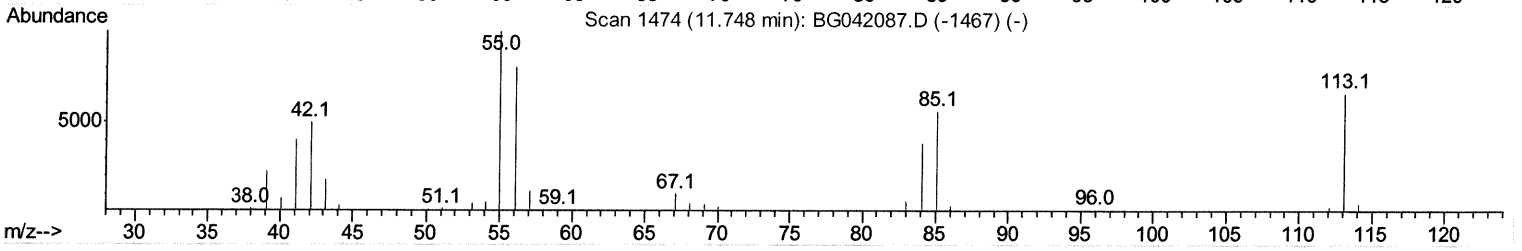

TIC: BG042103.D

(32) Caprolactam

11.772min (+0.018) 17.68ng/ul m JU 08/02/19

response 29422

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	142.82
56.00	136.80	108.82#
0.00	0.00	0.00

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Sohil
8/13/2019 8:18:50 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	69561	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	294038	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	191980	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	458725	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	437469	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	508569	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	9966	6.27	ng/uL	0.00
5) Phenol-d5	7.18	99	115017	21.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	57779	18.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	102480	21.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	95206	20.77	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	49608	22.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	62422	24.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	121382	23.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	123691	21.49	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	339970	22.83	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	430946	25.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	55041	22.02	ng/ul	0.01
57) Fluorene-d10	15.68	176	310175	23.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	64209	21.82	ng/ul	0.00
70) Anthracene-d10	17.54	188	469991	21.36	ng/ul	0.00
78) Pyrene-d10	19.83	212	525570	21.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	607556	22.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	10697	6.494	ng/uL#	79
4) Benzaldehyde	7.15	77	49358	19.136	ng/ul	95
6) Phenol	7.21	94	103288	18.330	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.44	93	76355	17.811	ng/ul	93
10) 2-Chlorophenol	7.59	128	92218	19.492	ng/ul	97
11) 2-Methylphenol	8.47	108	85971	19.029	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.56	45	109918	15.158	ng/ul#	93
14) Acetophenone	8.85	105	131132	18.603	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.84	70	61869	16.615	ng/ul	96
16) 4-Methylphenol	8.80	108	89783	18.396	ng/ul	89
17) Hexachloroethane	9.12	117	35018	17.875	ng/ul	91
20) Nitrobenzene	9.23	77	90969	18.045	ng/ul	95
21) Isophorone	9.77	82	167010	16.616	ng/ul	94
23) 2-Nitrophenol	9.96	139	58094	21.159	ng/ul	93
24) 2,4-Dimethylphenol	10.02	107	101921	18.814	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.25	93	106339	17.819	ng/ul	97
27) 2,4-Dichlorophenol	10.50	162	106503	20.701	ng/ul	98
28) Naphthalene	10.90	128	287663	19.136	ng/ul	98
30) 4-Chloroaniline	11.01	127	112416	19.430	ng/ul	96
31) Hexachlorobutadiene	11.20	225	79974	20.475	ng/ul	99
32) Caprolactam	11.77	113	29422m	17.676	ng/ul	94
33) 4-Chloro-3-methylphenol	12.14	107	92917	18.331	ng/ul	94
34) 2-Methylnaphthalene	12.51	142	228767	19.147	ng/ul	100

JU 08/12/19

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	155250	22.618 ng/ul#	97
37) Hexachlorocyclopentadiene	12.86	237	64232	14.822 ng/ul#	92
38) 2,4,6-Trichlorophenol	13.12	196	96536	22.725 ng/ul	98
39) 2,4,5-Trichlorophenol	13.19	196	105055	22.172 ng/ul	98
40) 1,1'-Biphenyl	13.52	154	291184	20.859 ng/ul	97
41) 2-Chloronaphthalene	13.56	162	243681	21.679 ng/ul	98
42) 2-Nitroaniline	13.76	65	55523	18.882 ng/ul	96
44) Dimethylphthalate	14.13	163	300111	20.300 ng/ul	98
45) 2,6-Dinitrotoluene	14.25	165	69831	21.716 ng/ul	93
47) Acenaphthylene	14.41	152	344480	20.067 ng/ul	99
48) 3-Nitroaniline	14.59	138	57933	22.591 ng/ul	97
49) Acenaphthene	14.75	153	246989	20.577 ng/ul	97
50) 2,4-Dinitrophenol	14.80	184	35678	20.277 ng/ul	98
52) 4-Nitrophenol	14.90	109	36428	19.663 ng/ul	94
53) Dibenzofuran	15.09	168	370611	20.688 ng/ul	99
54) 2,4-Dinitrotoluene	15.04	165	96123	20.559 ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.31	232	95852	21.346 ng/ul	97
56) Diethylphthalate	15.50	149	286010	19.448 ng/ul	98
58) Fluorene	15.74	166	294301	20.396 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.73	204	176344	21.046 ng/ul	98
60) 4-Nitroaniline	15.75	138	57579	20.153 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.81	198	60923	19.214 ng/ul	99
64) N-Nitrosodiphenylamine	15.94	169	265993	19.545 ng/ul	99
65) 4-Bromophenyl-phenylether	16.63	248	122579	20.184 ng/ul	95
66) Hexachlorobenzene	16.75	284	127149	20.846 ng/ul#	90
67) Atrazine	16.89	200	100596	17.637 ng/ul	98
68) Pentachlorophenol	17.10	266	73237	22.046 ng/ul	97
69) Phenanthrene	17.48	178	478989	19.073 ng/ul	99
71) Anthracene	17.57	178	477382	18.742 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	156245	21.374 ng/uL	99
73) Pentachlorobenzene	15.01	250	156423	21.163 ng/uL	97
74) Carbazole	17.84	167	406613	19.272 ng/ul	100
75) Di-n-butylphthalate	18.40	149	469848	18.068 ng/ul	98
76) Fluoranthene	19.49	202	583887	20.123 ng/ul	97
79) Pyrene	19.86	202	573615	19.493 ng/ul	96
80) Butylbenzylphthalate	20.74	149	206707	17.847 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.61	252	230229	23.155 ng/ul	99
82) Benzo(a)anthracene	21.71	228	593680	19.573 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.61	149	279622	17.694 ng/ul	99
84) Chrysene	21.77	228	564176	19.928 ng/ul	99
86) Di-n-octyl phthalate	22.85	149	495012	19.673 ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	608418	19.064 ng/ul	99
88) Benzo(k)fluoranthene	24.02	252	622236	20.277 ng/ul	99
90) Benzo(a)pyrene	24.84	252	586929	19.299 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.73	276	666866	18.799 ng/ul	97
92) Dibenzo(a,h)anthracene	28.80	278	558500	19.302 ng/ul	98
93) Benzo(g,h,i)perylene	29.89	276	495628	16.735 ng/ul	97

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