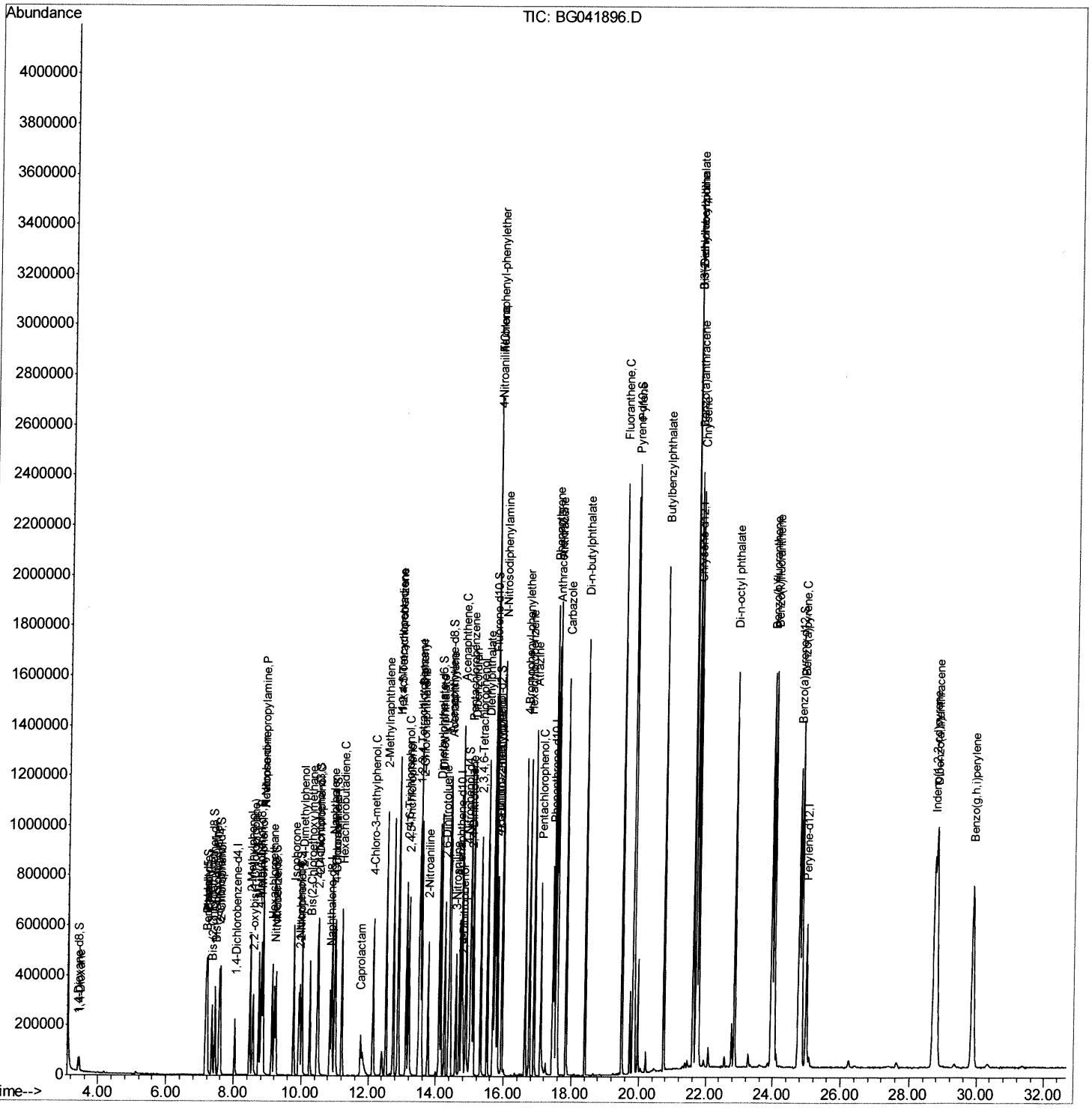
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041896.D
Acq On : 2 Aug 2019 21:03
Operator : HP/JU
Sample : SSTD04073
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 03 02:22:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 01:46:33 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD04073

Manual Integrations APPROVED
mohammad
8/5/2019 3:01:13 PM

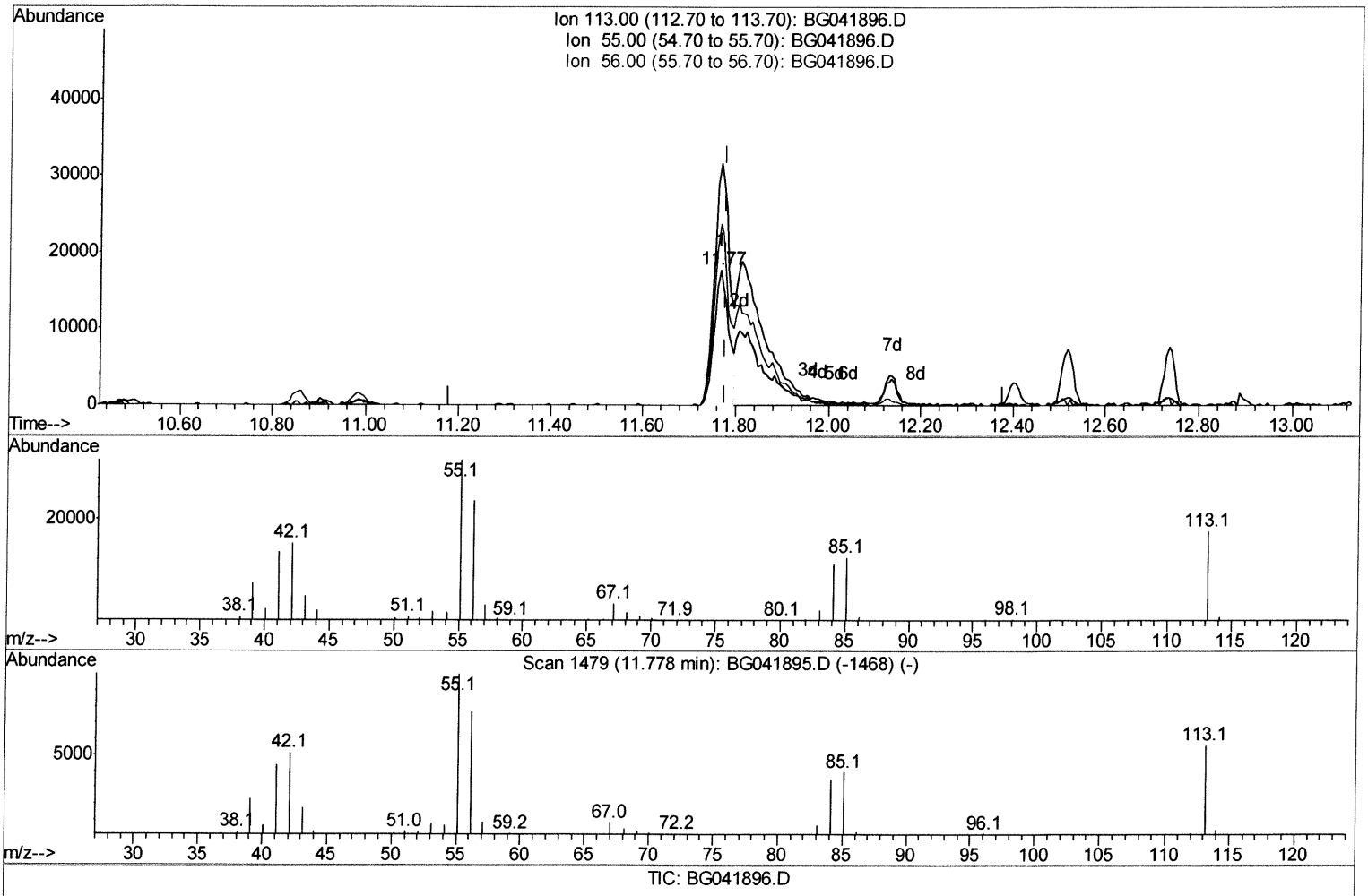


Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041896.D
Acq On : 2 Aug 2019 21:03
Operator : HP/JU
Sample : SSTD04073
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 03 01:53:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 01:46:33 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD04073

Manual Integrations APPROVED
mohammad
8/5/2019 3:01:13 PM



TIC: BG041896.D

(32) Caprolactam

11.766min (-0.012) 25.71ng/ul

response 38705

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	178.56
56.00	136.80	133.72
0.00	0.00	0.00

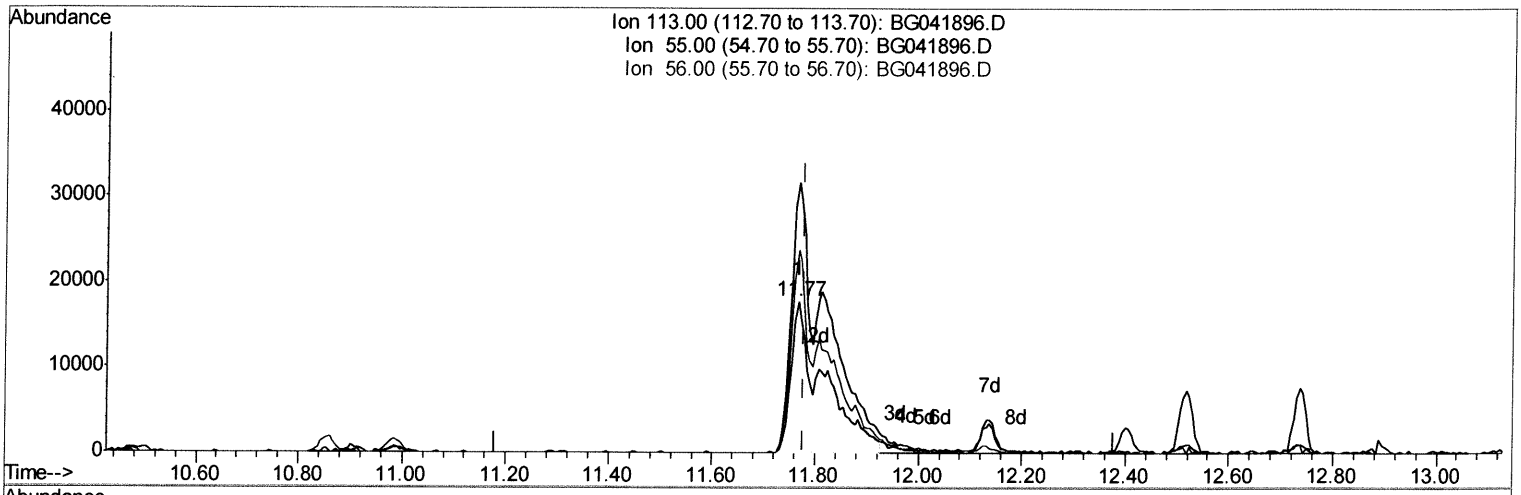
Quantitation Report (Qedit)

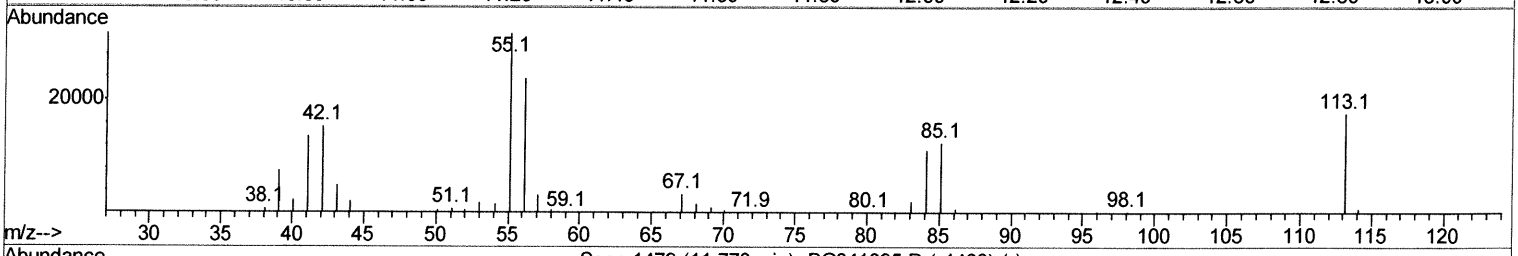
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041896.D
Acq On : 2 Aug 2019 21:03
Operator : HP/JU
Sample : SSTD04073
Misc :
ALS Vial : 5 Sample Multiplier: 1

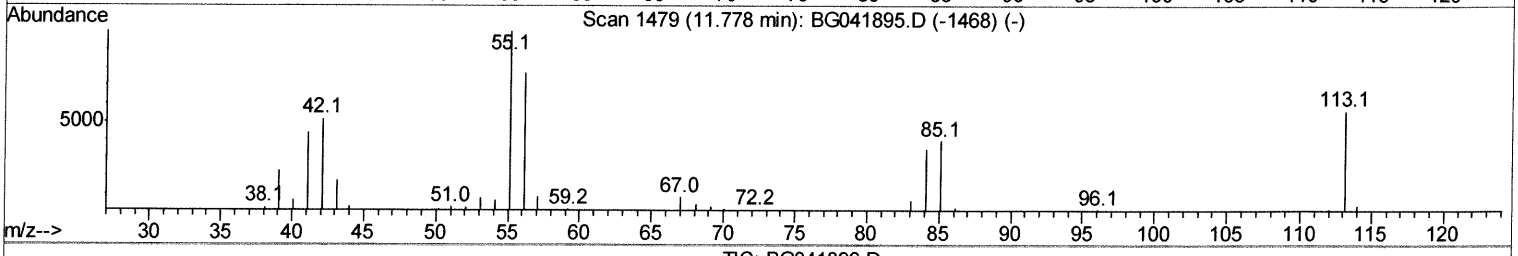
Quant Time: Aug 03 01:53:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 01:46:33 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD04073

Manual Integrations APPROVED
mohammad
8/5/2019 3:01:13 PM







TIC: BG041896.D

(32) Caprolactam

11.766min (-0.012) 52.34ng/ul m JU 08/05/19

response 78792

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	178.56
56.00	136.80	133.72
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041896.D
Acq On : 2 Aug 2019 21:03
Operator : HP/JU
Sample : SSTD04073
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD04073

Manual Integrations APPROVED
mohammad
8/5/2019 3:01:13 PM

Quant Time: Aug 03 02:22:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 01:46:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	71343	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	311611	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	229727	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	541730	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	553357	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	638654	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	27524	17.77	ng/uL	0.00
5) Phenol-d5	7.18	99	249441	41.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	135575	38.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	207082	41.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	206118	41.00	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	101525	40.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	122361	44.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	243833	43.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	287952	47.99	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	759189	37.64	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	858995	35.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	135991	41.43	ng/ul	0.00
57) Fluorene-d10	15.68	176	673564	38.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	153768	45.97	ng/ul	0.00
70) Anthracene-d10	17.54	188	1080955	38.79	ng/ul	0.00
78) Pyrene-d10	19.83	212	1283689	39.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	1421708	38.61	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	27834	17.498	ng/uL	90
4) Benzaldehyde	7.16	77	112528	40.273	ng/ul	96
6) Phenol	7.21	94	258216	44.255	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.44	93	193715	43.532	ng/ul	99
10) 2-Chlorophenol	7.59	128	211856	44.526	ng/ul	96
11) 2-Methylphenol	8.48	108	202749	44.787	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.56	45	325190	53.750	ng/ul	98
14) Acetophenone	8.86	105	317048	43.246	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.85	70	164174	43.145	ng/ul	94
16) 4-Methylphenol	8.80	108	222662	45.362	ng/ul	92
17) Hexachloroethane	9.13	117	84680	42.711	ng/ul	97
20) Nitrobenzene	9.24	77	227031	40.519	ng/ul	97
21) Isophorone	9.77	82	461206	43.555	ng/ul	98
23) 2-Nitrophenol	9.96	139	130293	46.047	ng/ul	98
24) 2,4-Dimethylphenol	10.02	107	251203	43.631	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.26	93	273520	41.866	ng/ul	98
27) 2,4-Dichlorophenol	10.50	162	236513	45.115	ng/ul	99
28) Naphthalene	10.91	128	668942	41.784	ng/ul	99
30) 4-Chloroaniline	11.01	127	286671	50.222	ng/ul	100
31) Hexachlorobutadiene	11.21	225	175255	47.419	ng/ul	99
32) Caprolactam	11.77	113	78792m>	52.341	ng/ul	99
33) 4-Chloro-3-methylphenol	12.14	107	240371	45.843	ng/ul	99
34) 2-Methylnaphthalene	12.52	142	538543	43.776	ng/ul	99

→JU 08/05/19

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ClientSampleId :
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Manual Integrations APPROVED
mohammad
8/5/2019 3:01:13 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.89	216	344378	41.746 ng/ul	98
37) Hexachlorocyclopentadiene	12.87	237	222867	44.892 ng/ul#	94
38) 2,4,6-Trichlorophenol	13.12	196	223964	44.200 ng/ul	99
39) 2,4,5-Trichlorophenol	13.19	196	248882	45.512 ng/ul	99
40) 1,1'-Biphenyl	13.52	154	693957	37.357 ng/ul	94
41) 2-Chloronaphthalene	13.56	162	566708	38.487 ng/ul	99
42) 2-Nitroaniline	13.76	65	159403	44.359 ng/ul	98
44) Dimethylphthalate	14.14	163	742776	39.755 ng/ul	97
45) 2,6-Dinitrotoluene	14.26	165	172978	47.625 ng/ul	98
47) Acenaphthylene	14.41	152	856829	39.740 ng/ul	97
48) 3-Nitroaniline	14.59	138	141457	45.374 ng/ul	90
49) Acenaphthene	14.76	153	606540	38.748 ng/ul	99
50) 2,4-Dinitrophenol	14.79	184	95729	51.963 ng/ul#	90
52) 4-Nitrophenol	14.89	109	101199	41.698 ng/ul	99
53) Dibenzofuran	15.09	168	891063	39.461 ng/ul	96
54) 2,4-Dinitrotoluene	15.04	165	251201	47.603 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.31	232	241099	49.965 ng/ul	98
56) Diethylphthalate	15.51	149	752566	41.504 ng/ul	96
58) Fluorene	15.74	166	719532	39.389 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.73	204	421804	41.936 ng/ul	99
60) 4-Nitroaniline	15.75	138	153692	46.159 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.81	198	169807	50.270 ng/ul#	99
64) N-Nitrosodiphenylamine	15.94	169	675411	41.384 ng/ul	98
65) 4-Bromophenyl-phenylether	16.63	248	305862	45.396 ng/ul	96
66) Hexachlorobenzene	16.75	284	309012	41.001 ng/ul	98
67) Atrazine	16.90	200	299770	48.696 ng/ul	99
68) Pentachlorophenol	17.09	266	181696	48.080 ng/ul	98
69) Phenanthrene	17.48	178	1232902	40.948 ng/ul	97
71) Anthracene	17.58	178	1228539	40.038 ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	358287	41.937 ng/uL	99
73) Pentachlorobenzene	15.01	250	363483	41.580 ng/uL	100
74) Carbazole	17.84	167	1123452	43.815 ng/ul	97
75) Di-n-butylphthalate	18.41	149	1286681	41.851 ng/ul	98
76) Fluoranthene	19.49	202	1561400	45.883 ng/ul	97
79) Pyrene	19.86	202	1499939	39.008 ng/ul	96
80) Butylbenzylphthalate	20.74	149	616473	42.645 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.62	252	586697	46.698 ng/ul	99
82) Benzo(a)anthracene	21.71	228	1558514	41.061 ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.62	149	837300	40.637 ng/ul	99
84) Chrysene	21.77	228	1469455	41.206 ng/ul	95
86) Di-n-octyl phthalate	22.85	149	1440997	39.909 ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	1675944	41.530 ng/ul	99
88) Benzo(k)fluoranthene	24.02	252	1589972	40.900 ng/ul	97
90) Benzo(a)pyrene	24.84	252	1602791	41.916 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.72	276	1892136	42.124 ng/ul	99
92) Dibenzo(a,h)anthracene	28.79	278	1549721	41.227 ng/ul	98
93) Benzo(g,h,i)perylene	29.89	276	1578536	42.634 ng/ul	98

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