Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

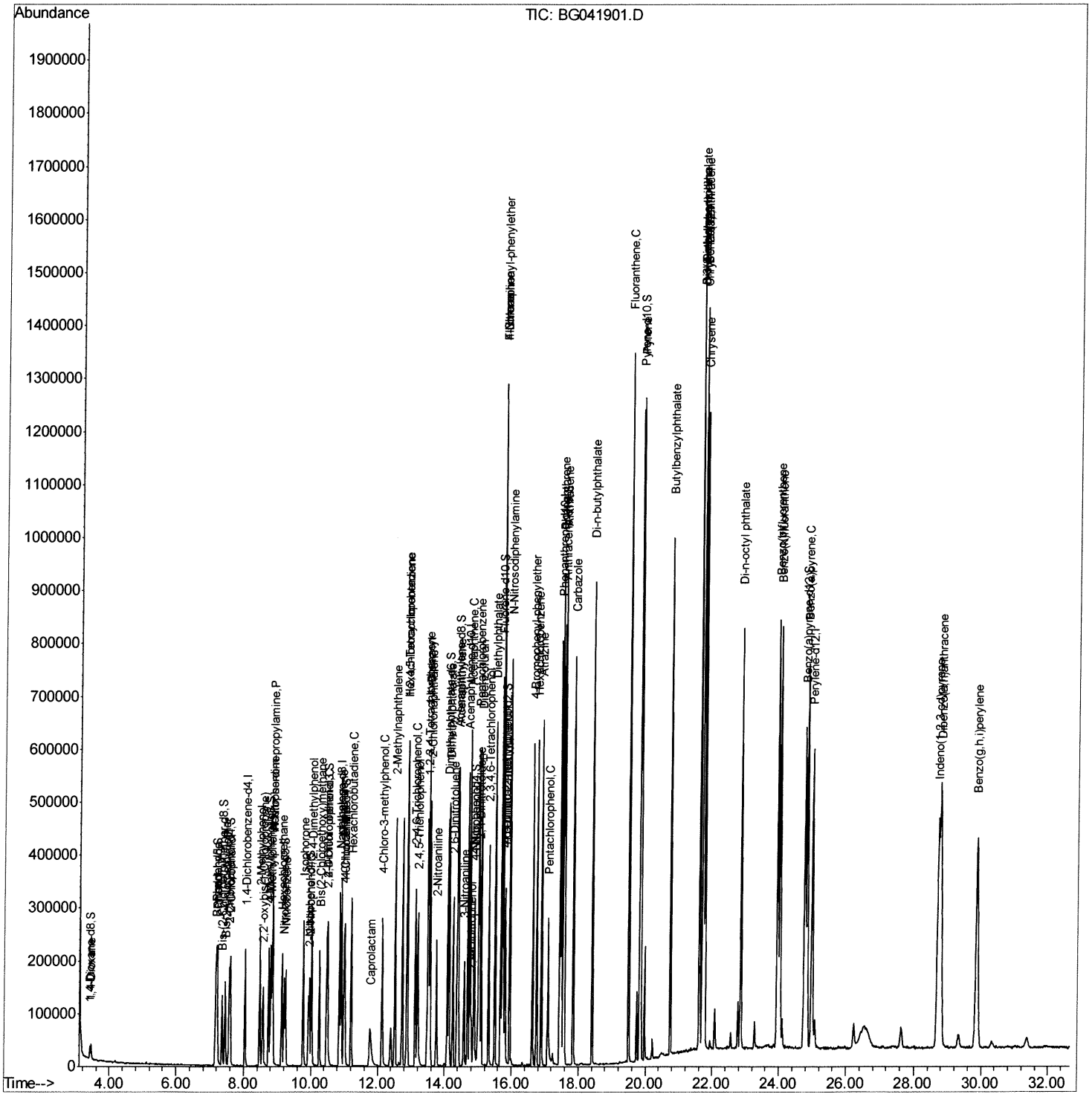
Quantitation Report (QT Reviewed)

Data File : BG041901.D
Acq On : 3 Aug 2019 9:32
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 03 23:43:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 05:36:19 2019
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02077

Manual Integrations APPROVED
mohammad
8/5/2019 3:01:25 PM



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Quantitation Report (Qedit)

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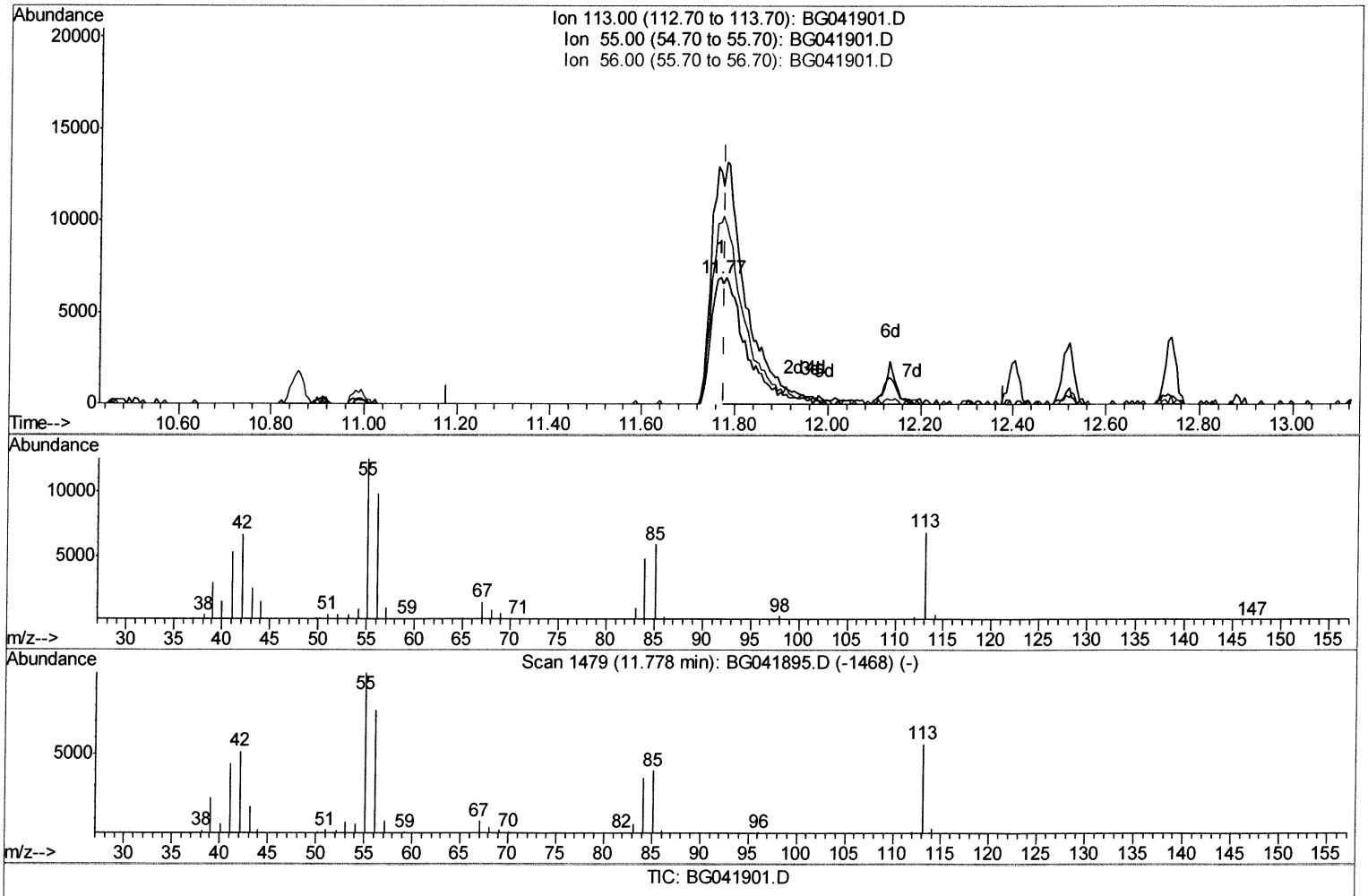

TIC: BG041901.D

(32) Caprolactam

11.768min (-0.010) 7.95ng/ul

response 13021

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	182.53
56.00	136.80	143.59
0.00	0.00	0.00

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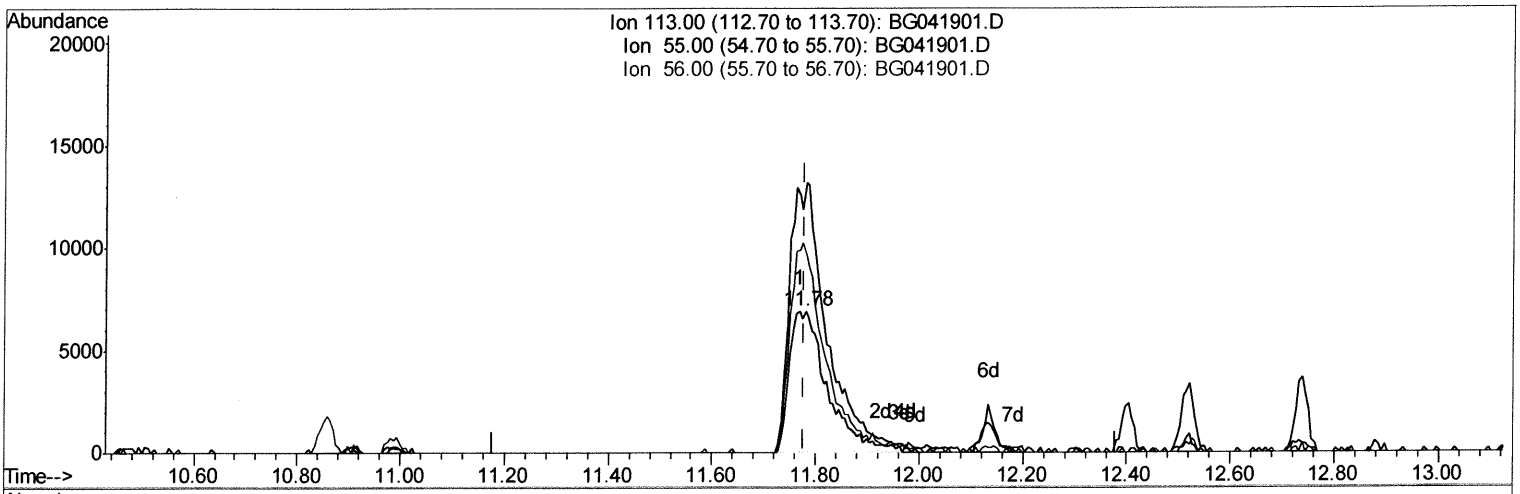

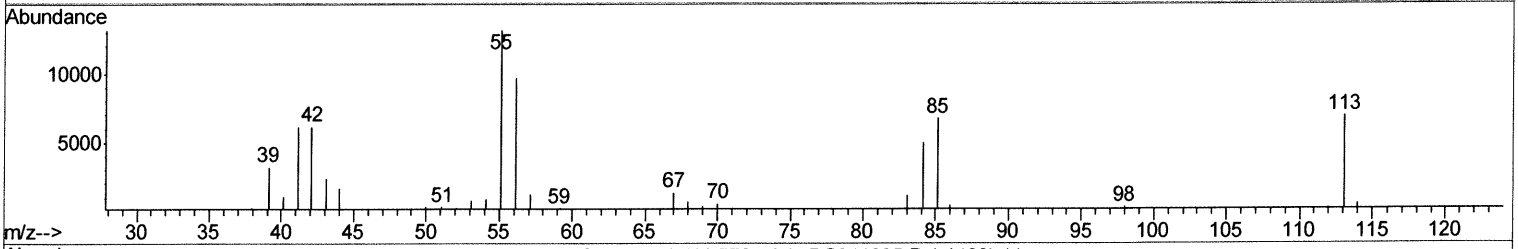

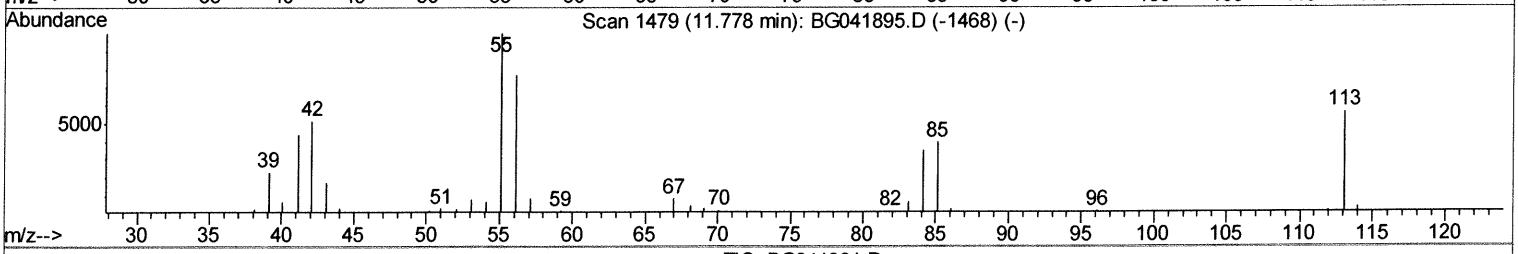

TIC: BG041901.D

(32) Caprolactam

11.780min (+0.002) 21.58ng/ul m JU 08/05/19

response 35341

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	191.01
56.00	136.80	141.01
0.00	0.00	0.00

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Manual Integrations APPROVED
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8/5/2019 3:01:25 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	70128	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	289352	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	211138	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	513451	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	560768	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	643075	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	13177	8.22	ng/uL	0.00
5) Phenol-d5	7.18	99	110425	20.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	64110	20.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	94325	20.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	94724	20.50	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	45454	20.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	53830	21.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	111293	21.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	127018	22.42	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	360876	22.04	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	414814	22.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	61727	22.45	ng/ul	0.00
57) Fluorene-d10	15.69	176	321619	22.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	64766	19.66	ng/ul	0.00
70) Anthracene-d10	17.54	188	546122	22.17	ng/ul	0.00
78) Pyrene-d10	19.83	212	676648	21.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	733251	21.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	13603	8.192	ng/uL#	92
4) Benzaldehyde	7.16	77	52208	20.077	ng/ul	95
6) Phenol	7.21	94	118471	20.854	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.44	93	91410	21.151	ng/ul	98
10) 2-Chlorophenol	7.60	128	99435	20.848	ng/ul	98
11) 2-Methylphenol	8.47	108	90859	19.949	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.57	45	153666	21.020	ng/ul	97
14) Acetophenone	8.86	105	148508	20.897	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.84	70	76249	20.311	ng/ul	93
16) 4-Methylphenol	8.80	108	101209	20.569	ng/ul	98
17) Hexachloroethane	9.13	117	39623	20.062	ng/ul	93
20) Nitrobenzene	9.24	77	106595	21.487	ng/ul	99
21) Isophorone	9.77	82	211256	21.358	ng/ul	98
23) 2-Nitrophenol	9.96	139	59633	22.071	ng/ul	98
24) 2,4-Dimethylphenol	10.02	107	114917	21.557	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.25	93	126791	21.591	ng/ul	99
27) 2,4-Dichlorophenol	10.50	162	109732	21.674	ng/ul	99
28) Naphthalene	10.90	128	316992	21.429	ng/ul	98
30) 4-Chloroaniline	11.01	127	128346	22.543	ng/ul	99
31) Hexachlorobutadiene	11.20	225	84221	21.911	ng/ul	97
32) Caprolactam	11.78	113	35341m	21.576	ng/ul	97
33) 4-Chloro-3-methylphenol	12.13	107	106012	21.253	ng/ul	98
34) 2-Methylnaphthalene	12.52	142	257441	21.896	ng/ul	97

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	166630	22.073 ng/ul	99
37) Hexachlorocyclopentadiene	12.87	237	101390	21.273 ng/ul#	96
38) 2,4,6-Trichlorophenol	13.12	196	101262	21.675 ng/ul	94
39) 2,4,5-Trichlorophenol	13.20	196	116830	22.419 ng/ul	97
40) 1,1'-Biphenyl	13.53	154	334289	21.774 ng/ul	99
41) 2-Chloronaphthalene	13.57	162	268799	21.744 ng/ul	98
42) 2-Nitroaniline	13.76	65	70948	21.939 ng/ul	95
44) Dimethylphthalate	14.14	163	360844	22.194 ng/ul	98
45) 2,6-Dinitrotoluene	14.25	165	79075	22.359 ng/ul	98
47) Acenaphthylene	14.41	152	413648	21.910 ng/ul	99
48) 3-Nitroaniline	14.58	138	60343	21.395 ng/ul	94
49) Acenaphthene	14.76	153	289812	21.954 ng/ul	100
50) 2,4-Dinitrophenol	14.79	184	34043	17.592 ng/ul	95
52) 4-Nitrophenol	14.89	109	45164	22.166 ng/ul	99
53) Dibenzofuran	15.09	168	431719	21.912 ng/ul	99
54) 2,4-Dinitrotoluene	15.04	165	117209	22.794 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.32	232	107920	21.853 ng/ul#	100
56) Diethylphthalate	15.51	149	362209	22.395 ng/ul	99
58) Fluorene	15.74	166	352555	22.216 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.73	204	204937	22.240 ng/ul	98
60) 4-Nitroaniline	15.75	138	66930	21.300 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.81	198	72705	20.486 ng/ul	99
64) N-Nitrosodiphenylamine	15.95	169	328926	21.593 ng/ul	98
65) 4-Bromophenyl-phenylether	16.63	248	143145	21.059 ng/ul	97
66) Hexachlorobenzene	16.75	284	146184	21.412 ng/ul	95
67) Atrazine	16.89	200	142324	22.293 ng/ul	96
68) Pentachlorophenol	17.09	266	76501	20.574 ng/ul	96
69) Phenanthrene	17.49	178	620116	22.061 ng/ul	100
71) Anthracene	17.57	178	633863	22.234 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	170048	20.783 ng/uL	99
73) Pentachlorobenzene	15.01	250	173000	20.911 ng/uL	98
74) Carbazole	17.84	167	563497	23.861 ng/ul	98
75) Di-n-butylphthalate	18.41	149	661453	22.726 ng/ul	99
76) Fluoranthene	19.49	202	833400	25.661 ng/ul	99
79) Pyrene	19.85	202	819776	21.733 ng/ul	99
80) Butylbenzylphthalate	20.75	149	320292	21.573 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.62	252	285068	22.366 ng/ul	98
82) Benzo(a)anthracene	21.70	228	858898	22.091 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	442193	21.828 ng/ul	100
84) Chrysene	21.77	228	803302	22.136 ng/ul	99
86) Di-n-octyl phthalate	22.85	149	751023	23.604 ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	876476	21.718 ng/ul	100
88) Benzo(k)fluoranthene	24.02	252	842242	21.706 ng/ul	99
90) Benzo(a)pyrene	24.83	252	832671	21.652 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.70	276	970796	21.643 ng/ul	99
92) Dibenzo(a,h)anthracene	28.77	278	805784	22.023 ng/ul	99
93) Benzo(g,h,i)perylene	29.86	276	807332	21.558 ng/ul	99

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