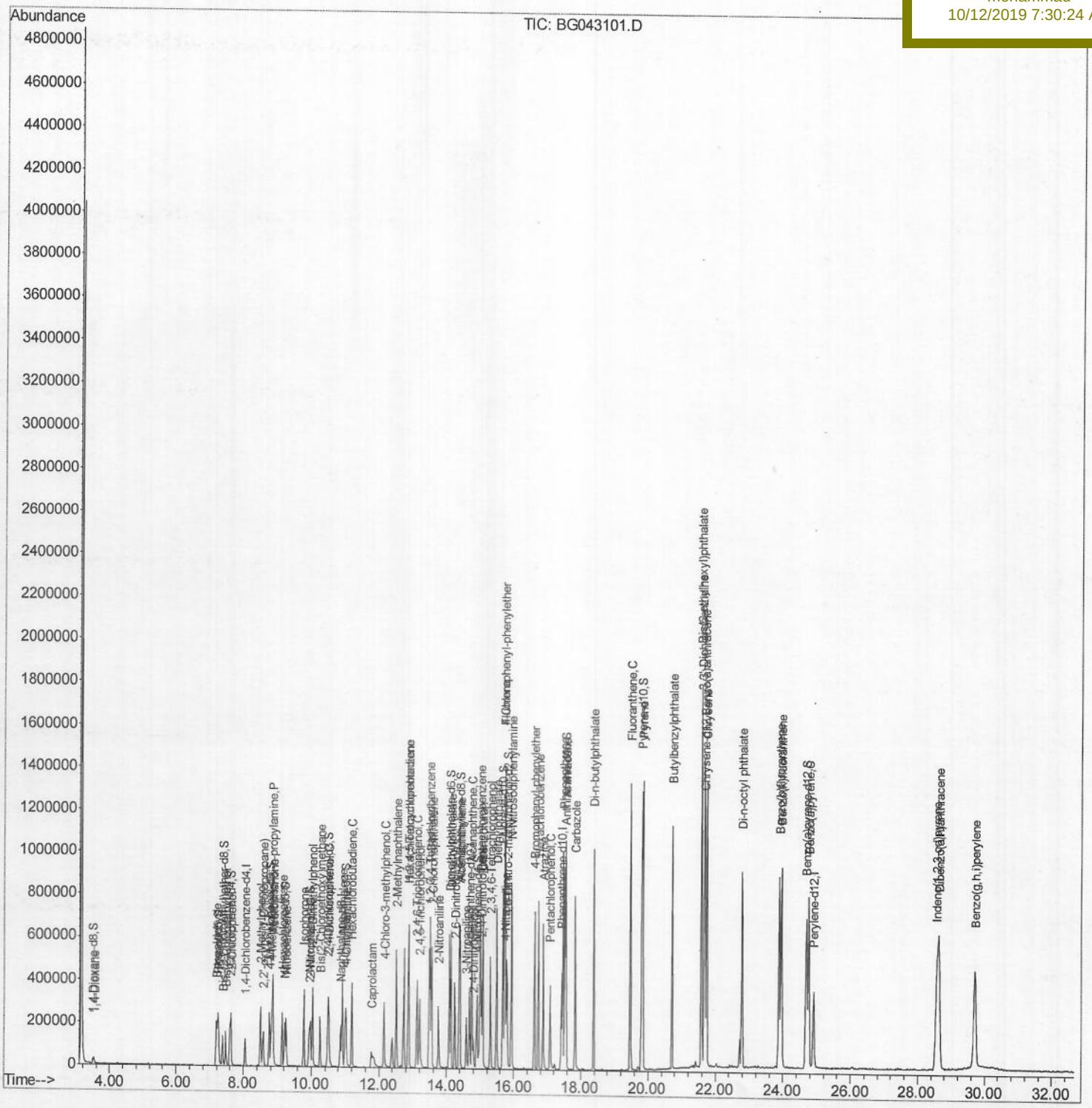
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100919\
Data File : BG043101.D
Acq On : 9 Oct 2019 13:21
Operator : JU
Sample : SSTD04028
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 09 15:18:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 13:10:22 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD04028

Manual Integrations APPROVED
mohammad
10/12/2019 7:30:24 AM



Quantitation Report (Qedit)

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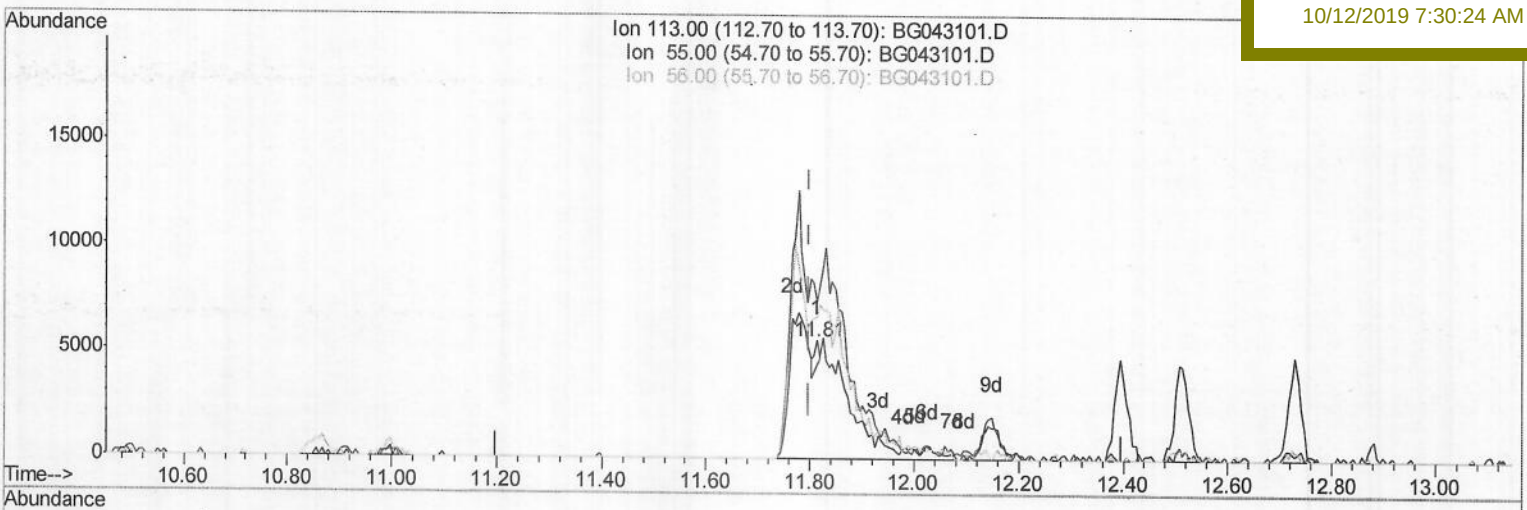

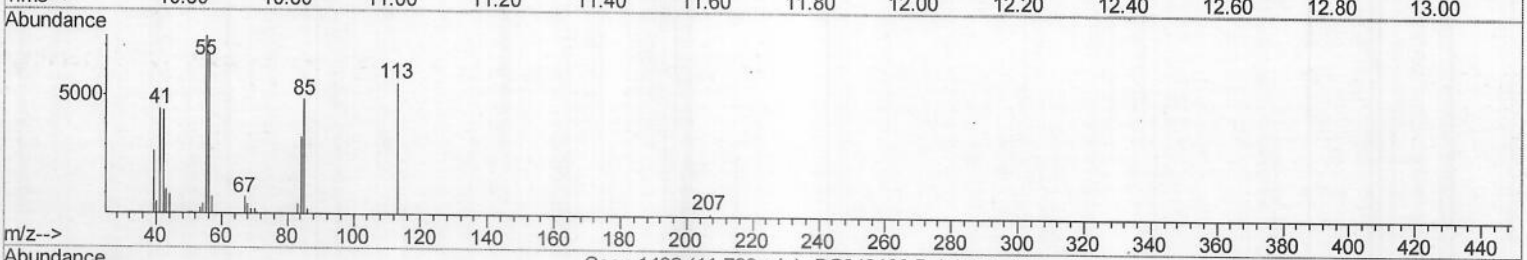

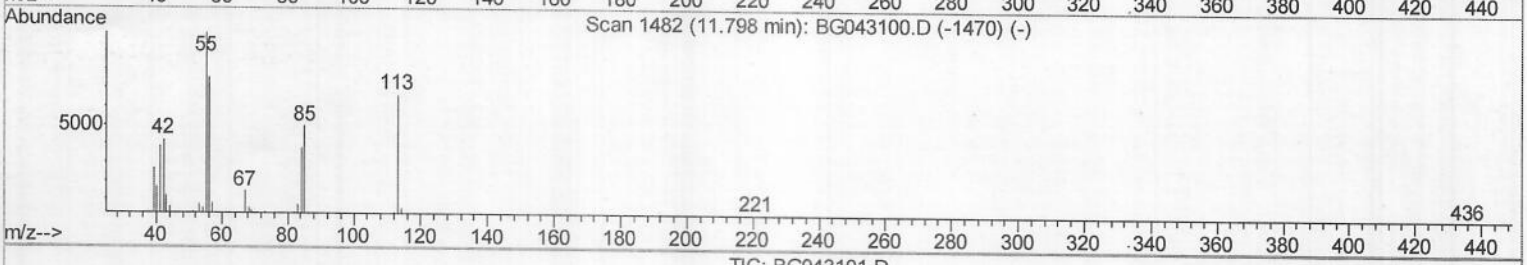

TIC: BG043101.D

(32) Caprolactam

11.813min (+0.015) 0.92ng/ul

response 873

Ion	Exp%	Act%
113.00	100	100
55.00	149.80	134.01
56.00	113.70	120.20
0.00	0.00	0.00

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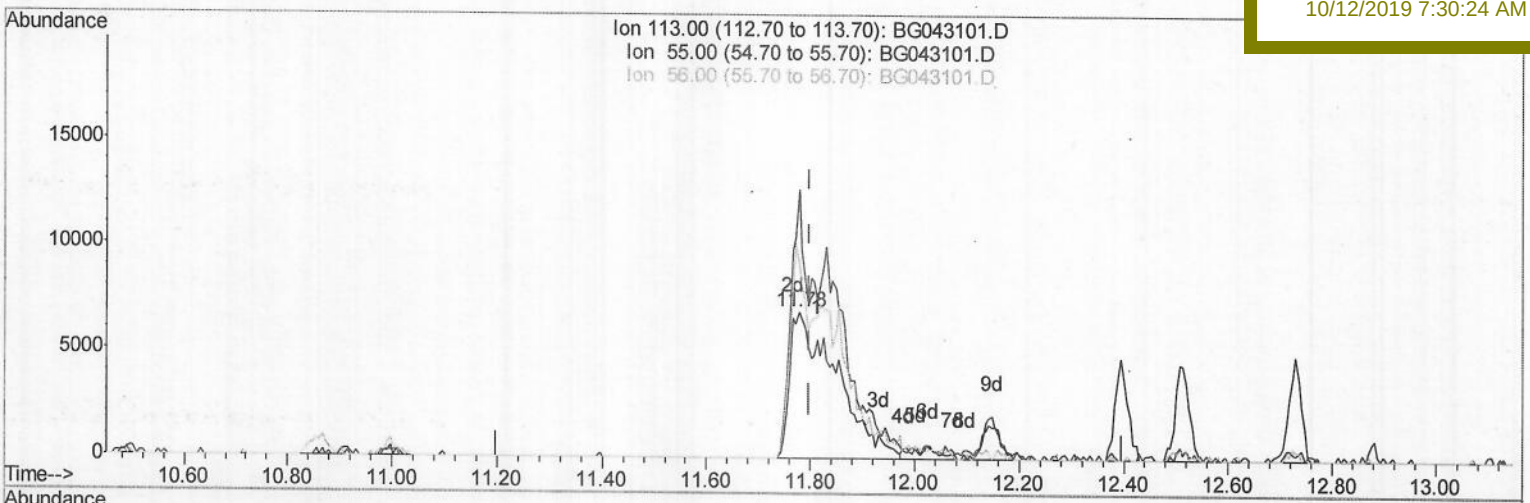

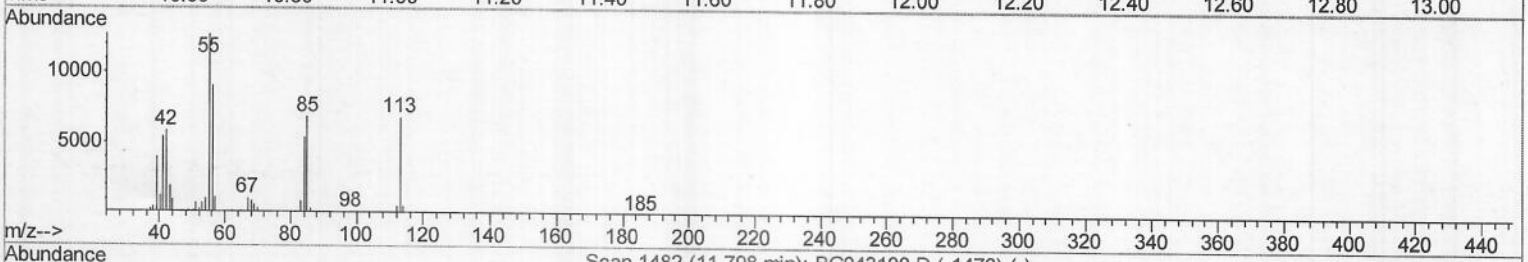

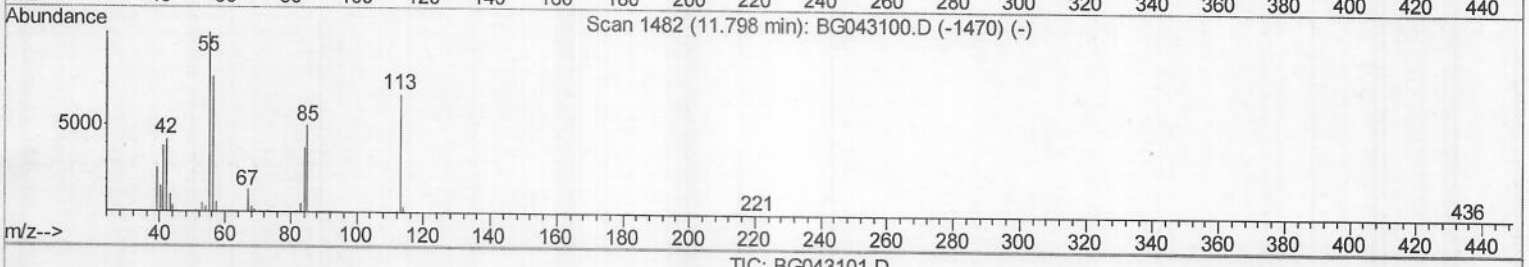

TIC: BG043101.D

(32) Caprolactam

11.778min (-0.020) 44.33ng/ul m JU 10/22/19

response 42275

Ion	Exp%	Act%
113.00	100	100
55.00	149.80	184.09#
56.00	113.70	131.52
0.00	0.00	0.00

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Manual Integrations APPROVED
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10/12/2019 7:30:24 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39438	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	168466	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	133801	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	319757	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	353537	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	410634	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	11975	13.28	ng/uL	0.00
5) Phenol-d5	7.22	99	125739	40.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	69645	40.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	100763	38.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	107401	41.33	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	50060	39.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	62571	42.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	126391	42.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	127617	38.69	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	440256	42.43	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	479237	40.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	56830	32.62	ng/ul	0.00
57) Fluorene-d10	15.67	176	373931	40.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	90215	43.97	ng/ul	0.00
70) Anthracene-d10	17.52	188	623042	40.61	ng/ul	0.00
78) Pyrene-d10	19.80	212	747516	37.89	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.69	264	856293	39.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	13965	14.954	ng/uL	97
4) Benzaldehyde	7.19	77	77335	52.883	ng/ul	97
6) Phenol	7.25	94	127931	40.044	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.47	93	92134	37.908	ng/ul	97
10) 2-Chlorophenol	7.62	128	103986	38.768	ng/ul	98
11) 2-Methylphenol	8.51	108	100040	39.057	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.59	45	142166	34.580	ng/ul	96
14) Acetophenone	8.88	105	166103	41.562	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.86	70	93740	44.401	ng/ul	97
16) 4-Methylphenol	8.83	108	116126	41.966	ng/ul	99
17) Hexachloroethane	9.14	117	44973	40.491	ng/ul	94
20) Nitrobenzene	9.26	77	131312	45.463	ng/ul	95
21) Isophorone	9.78	82	268310	46.591	ng/ul	98
23) 2-Nitrophenol	9.97	139	66773	42.447	ng/ul	91
24) 2,4-Dimethylphenol	10.03	107	145030	46.727	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.26	93	140700	41.152	ng/ul	98
27) 2,4-Dichlorophenol	10.51	162	123114	41.767	ng/ul	95
28) Naphthalene	10.91	128	361200	41.939	ng/ul	98
30) 4-Chloroaniline	11.02	127	129212	38.981	ng/ul	98
31) Hexachlorobutadiene	11.20	225	99637	44.522	ng/ul	97
32) Caprolactam	11.78	113	42275m	44.329	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	131889	45.413	ng/ul	95
34) 2-Methylnaphthalene	12.51	142	281193	41.077	ng/ul	98

JU 10/11/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	191056	39.937	ng/ul#	96
37) Hexachlorocyclopentadiene	12.86	237	124174	41.113	ng/ul	93
38) 2,4,6-Trichlorophenol	13.12	196	118907	40.163	ng/ul	92
39) 2,4,5-Trichlorophenol	13.20	196	134165	40.627	ng/ul	95
40) 1,1'-Biphenyl	13.51	154	392089	40.301	ng/ul	99
41) 2-Chloronaphthalene	13.56	162	304987	38.931	ng/ul	96
42) 2-Nitroaniline	13.76	65	91580	44.687	ng/ul	89
44) Dimethylphthalate	14.13	163	428031	41.542	ng/ul	99
45) 2,6-Dinitrotoluene	14.25	165	92335	41.199	ng/ul	98
47) Acenaphthylene	14.40	152	478416	39.987	ng/ul	98
48) 3-Nitroaniline	14.58	138	75954	42.496	ng/ul	95
49) Acenaphthene	14.74	153	342889	40.987	ng/ul	98
50) 2,4-Dinitrophenol	14.79	184	48777	39.775	ng/ul	96
52) 4-Nitrophenol	14.90	109	65189	50.487	ng/ul	87
53) Dibenzofuran	15.07	168	494450	39.602	ng/ul	98
54) 2,4-Dinitrotoluene	15.03	165	139166	42.707	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.30	232	130853	41.811	ng/ul	96
56) Diethylphthalate	15.49	149	441722	43.097	ng/ul	98
58) Fluorene	15.73	166	411579	40.927	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.71	204	240607	41.203	ng/ul	98
60) 4-Nitroaniline	15.75	138	92368	46.387	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.80	198	91597	41.443	ng/ul	99
64) N-Nitrosodiphenylamine	15.93	169	374708	39.499	ng/ul	99
65) 4-Bromophenyl-phenylether	16.61	248	179221	42.337	ng/ul	99
66) Hexachlorobenzene	16.73	284	192078	45.178	ng/ul	96
67) Atrazine	16.88	200	165359	41.591	ng/ul	96
68) Pentachlorophenol	17.08	266	99175	42.828	ng/ul	95
69) Phenanthrene	17.47	178	684256	39.089	ng/ul	98
71) Anthracene	17.55	178	708998	39.934	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	194493	38.169	ng/uL	96
73) Pentachlorobenzene	15.00	250	209885	40.738	ng/uL	96
74) Carbazole	17.82	167	631655	42.950	ng/ul	96
75) Di-n-butylphthalate	18.38	149	745775	41.144	ng/ul	99
76) Fluoranthene	19.47	202	918430	45.409	ng/ul	99
79) Pyrene	19.83	202	910809	38.300	ng/ul	99
80) Butylbenzylphthalate	20.71	149	345132	36.872	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.59	252	369960	46.041	ng/ul	97
82) Benzo(a)anthracene	21.67	228	973371	39.709	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.58	149	483876	37.887	ng/ul	96
84) Chrysene	21.74	228	899029	39.296	ng/ul	100
86) Di-n-octyl phthalate	22.79	149	824900	40.602	ng/ul	100
87) Benzo(b)fluoranthene	23.89	252	1014625	39.373	ng/ul	95
88) Benzo(k)fluoranthene	23.95	252	962444	38.844	ng/ul	99
90) Benzo(a)pyrene	24.76	252	968070	39.423	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.56	276	1185962	41.407	ng/ul	99
92) Dibenzo(a,h)anthracene	28.63	278	998491	42.738	ng/ul	97
93) Benzo(g,h,i)perylene	29.72	276	997148	41.699	ng/ul	98

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