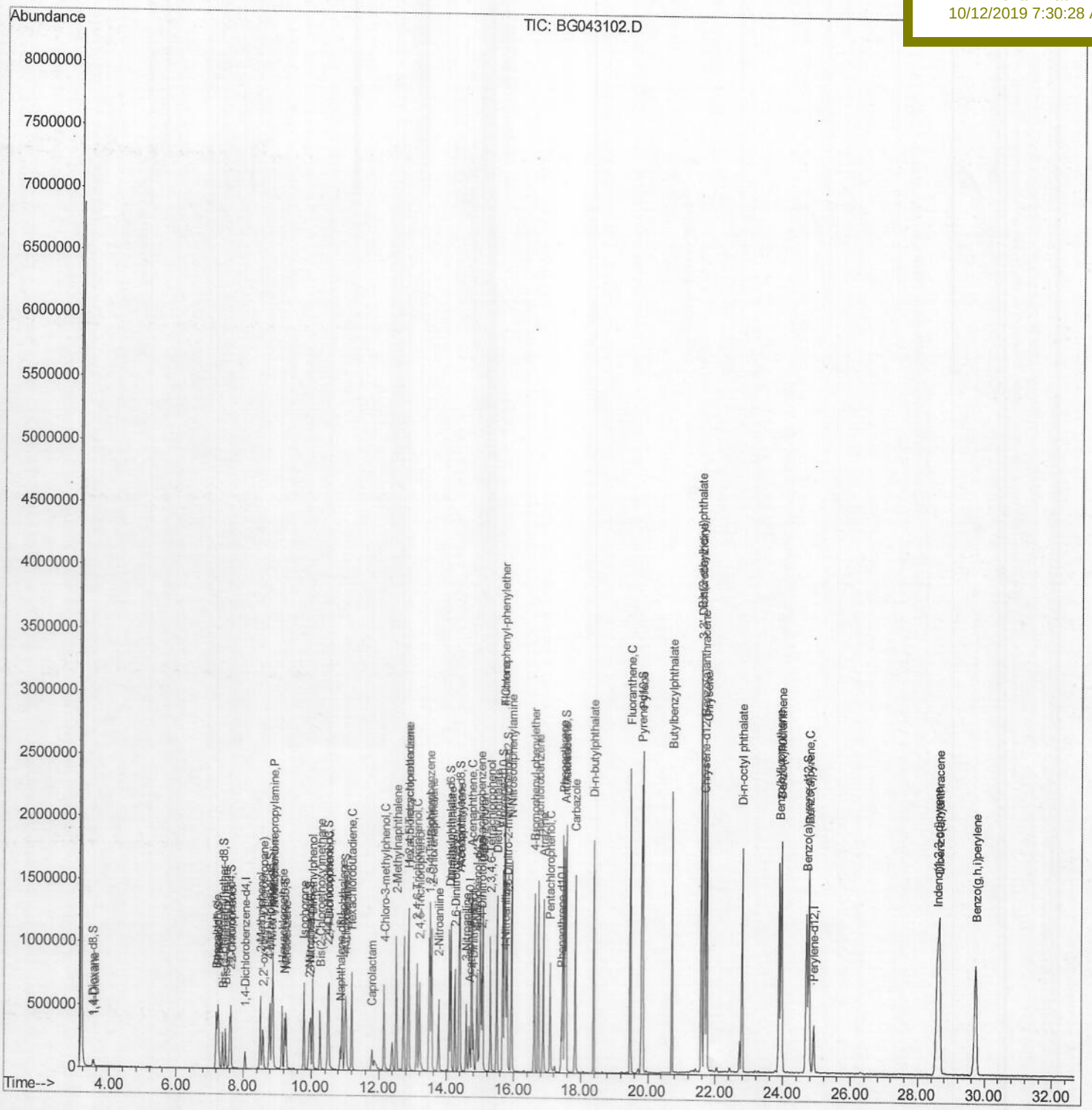
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100919\
Data File : BG043102.D
Acq On : 9 Oct 2019 13:59
Operator : JU
Sample : SSTD08029
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 09 15:21:22 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 :
SSTD08029

Manual Integrations APPROVED
mohammad
10/12/2019 7:30:28 AM



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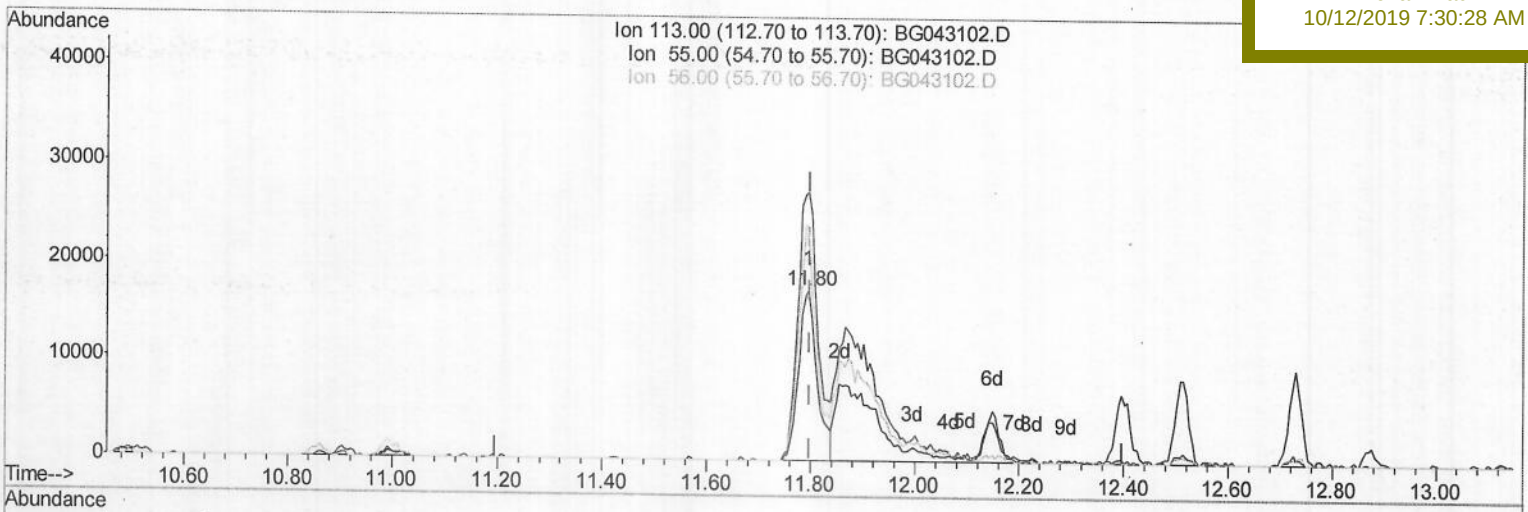

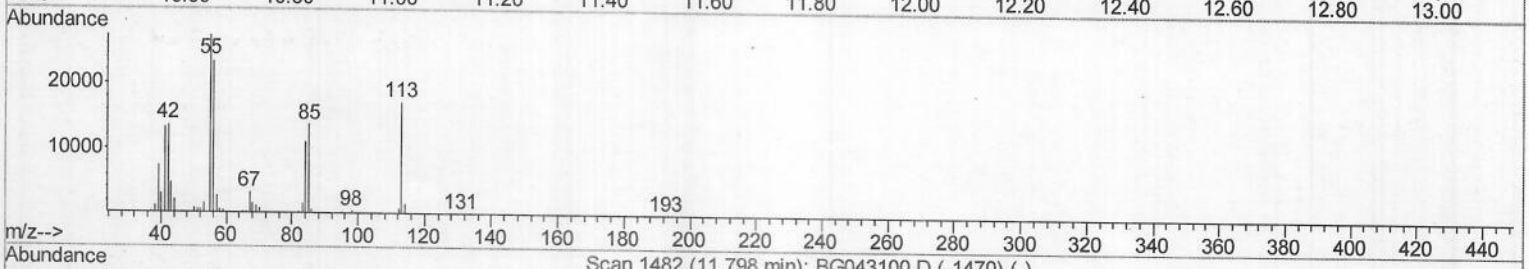

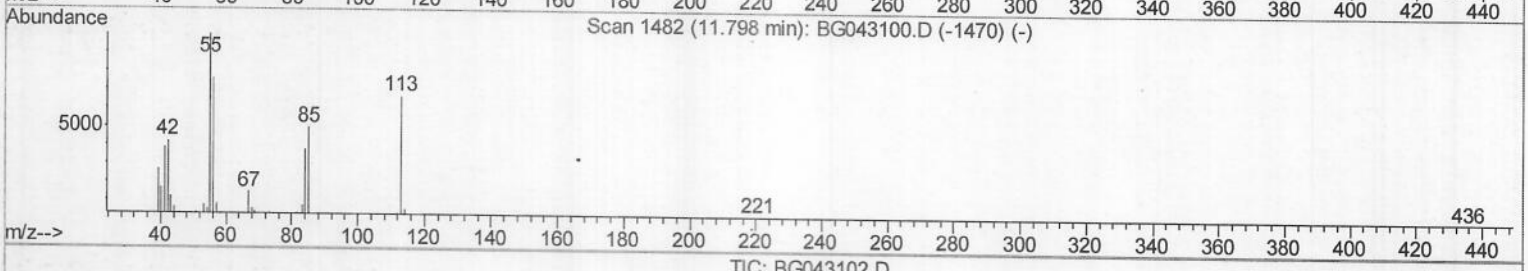

TIC: BG043102.D

(32) Caprolactam

11.796min (-0.002) 42.87ng/ul

response 41918

Ion	Exp%	Act%
113.00	100	100
55.00	149.80	158.12
56.00	113.70	135.84
0.00	0.00	0.00

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mohammad
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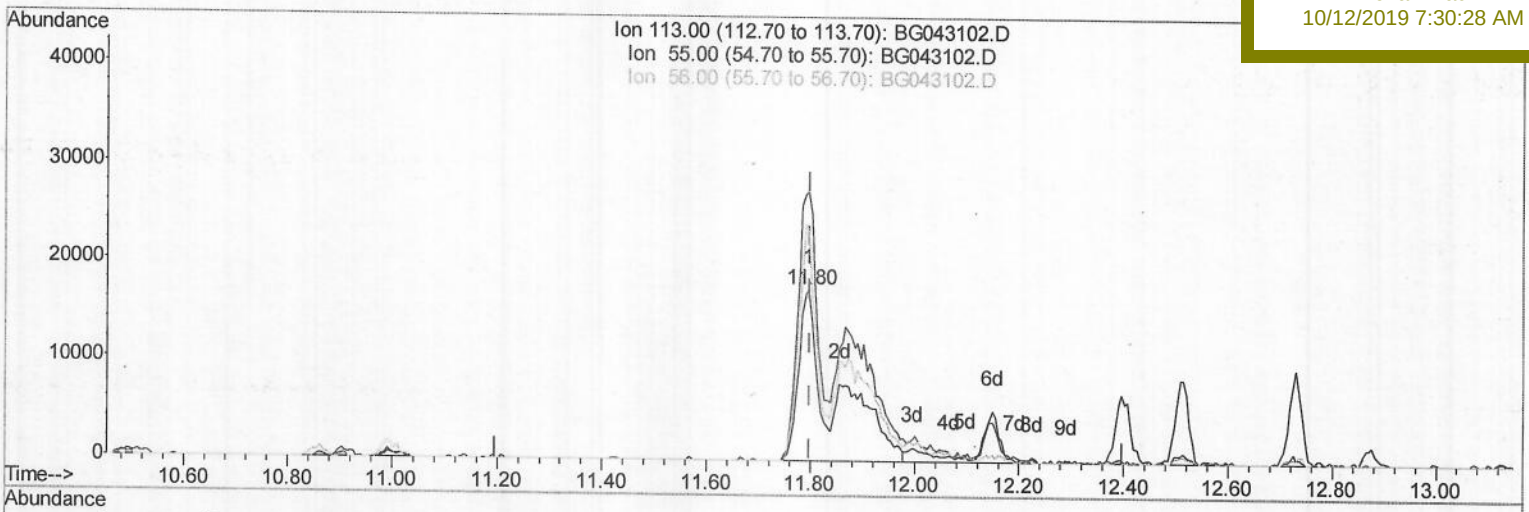

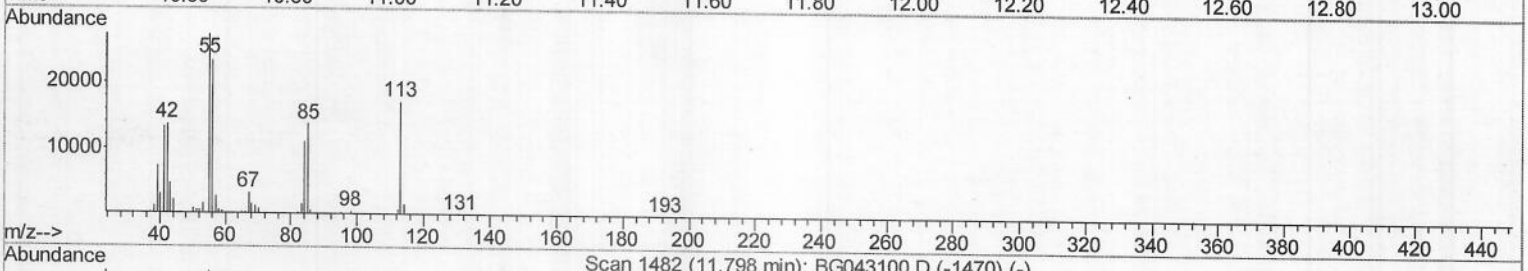

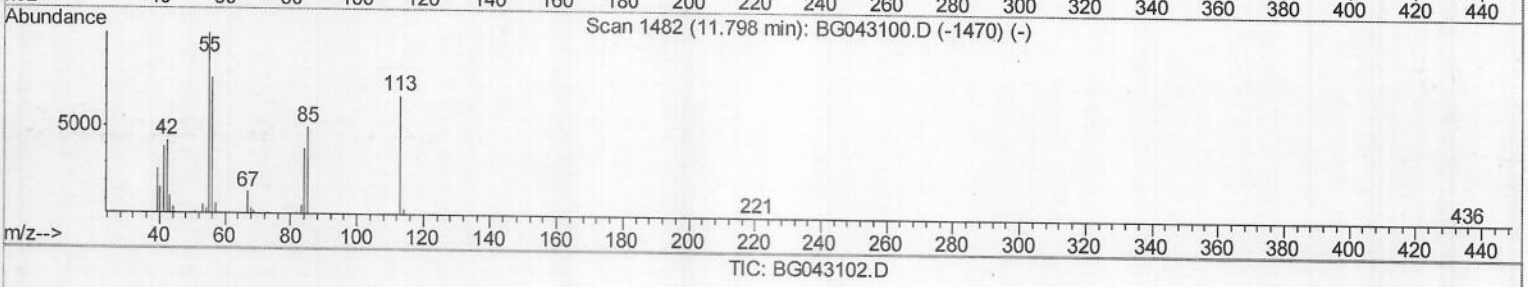

TIC: BG043102.D

(32) Caprolactam

11.796min (-0.002) 83.30ng/ul m > JU 10/11/19

response 81449

Ion	Exp%	Act%
113.00	100	100
55.00	149.80	158.12
56.00	113.70	135.84
0.00	0.00	0.00

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Manual Integrations APPROVED
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10/12/2019 7:30:28 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	41148	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	172735	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	131216	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	324631	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	352527	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	426345	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	27105	28.82	ng/uL	0.00
5) Phenol-d5	7.23	99	255539	79.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	135785	75.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	205895	74.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	218742	80.68	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	105455	81.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	124540	82.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	255888	83.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	261405	77.29	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	826755	81.24	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	911731	78.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.90	143	135457	79.27	ng/ul	0.00
57) Fluorene-d10	15.67	176	709122	78.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	181058	86.93	ng/ul	0.00
70) Anthracene-d10	17.52	188	1139841	73.18	ng/ul	0.00
78) Pyrene-d10	19.80	212	1356875	68.97	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.70	264	1654224	74.27	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	27582	28.308	ng/uL	92
4) Benzaldehyde	7.20	77	177726	116.481	ng/ul	96
6) Phenol	7.25	94	263516	79.056	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.47	93	185797	73.268	ng/ul	96
10) 2-Chlorophenol	7.62	128	209225	74.762	ng/ul	98
11) 2-Methylphenol	8.51	108	207083	77.487	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.58	45	270223	62.996	ng/ul	98
14) Acetophenone	8.88	105	332281	79.688	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.87	70	177147	80.421	ng/ul	96
16) 4-Methylphenol	8.83	108	226312	78.387	ng/ul	87
17) Hexachloroethane	9.14	117	85443	73.731	ng/ul	97
20) Nitrobenzene	9.26	77	249912	84.386	ng/ul	98
21) Isophorone	9.79	82	518965	87.890	ng/ul	95
23) 2-Nitrophenol	9.97	139	134069	83.120	ng/ul	94
24) 2,4-Dimethylphenol	10.03	107	279927	87.961	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.26	93	279893	79.839	ng/ul	97
27) 2,4-Dichlorophenol	10.52	162	237364	78.537	ng/ul	99
28) Naphthalene	10.91	128	684833	77.551	ng/ul	99
30) 4-Chloroaniline	11.02	127	262049	77.101	ng/ul	93
31) Hexachlorobutadiene	11.20	225	185682	80.921	ng/ul	98
32) Caprolactam	11.80	113	81449m	83.296	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	268310	90.103	ng/ul	93
34) 2-Methylnaphthalene	12.51	142	543989	77.504	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	365715	77.952	ng/ul	97
37) Hexachlorocyclopentadiene	12.86	237	250726	84.648	ng/ul	93
38) 2,4,6-Trichlorophenol	13.12	196	234133	80.640	ng/ul	94
39) 2,4,5-Trichlorophenol	13.19	196	255625	78.932	ng/ul	98
40) 1,1'-Biphenyl	13.51	154	745492	78.135	ng/ul	95
41) 2-Chloronaphthalene	13.56	162	578633	75.317	ng/ul	98
42) 2-Nitroaniline	13.76	65	189003	94.042	ng/ul	84
44) Dimethylphthalate	14.13	163	796704	78.847	ng/ul	99
45) 2,6-Dinitrotoluene	14.25	165	184055	83.742	ng/ul	99
47) Acenaphthylene	14.40	152	905778	77.198	ng/ul	96
48) 3-Nitroaniline	14.59	138	157004	89.574	ng/ul#	96
49) Acenaphthene	14.75	153	654243	79.746	ng/ul	97
50) 2,4-Dinitrophenol	14.79	184	113691	94.535	ng/ul	98
52) 4-Nitrophenol	14.91	109	132623	104.737	ng/ul	90
53) Dibenzofuran	15.08	168	927447	75.745	ng/ul	100
54) 2,4-Dinitrotoluene	15.04	165	266366	83.353	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.31	232	266007	86.671	ng/ul#	93
56) Diethylphthalate	15.50	149	816812	81.262	ng/ul	98
58) Fluorene	15.73	166	781109	79.202	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.72	204	457046	79.808	ng/ul	97
60) 4-Nitroaniline	15.76	138	184192	94.323	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.80	198	186527	83.127	ng/ul	98
64) N-Nitrosodiphenylamine	15.93	169	707082	73.416	ng/ul	94
65) 4-Bromophenyl-phenylether	16.61	248	341669	79.500	ng/ul	96
66) Hexachlorobenzene	16.73	284	370310	85.791	ng/ul	96
67) Atrazine	16.88	200	313744	77.729	ng/ul	94
68) Pentachlorophenol	17.08	266	208561	88.713	ng/ul	97
69) Phenanthrene	17.47	178	1270913	71.512	ng/ul	97
71) Anthracene	17.56	178	1286583	71.377	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	372173	71.943	ng/uL	97
73) Pentachlorobenzene	15.00	250	400575	76.583	ng/uL	98
74) Carbazole	17.83	167	1189934	79.696	ng/ul	95
75) Di-n-butylphthalate	18.38	149	1377285	74.842	ng/ul	98
76) Fluoranthene	19.47	202	1654200	80.558	ng/ul	98
79) Pyrene	19.83	202	1614039	68.066	ng/ul	97
80) Butylbenzylphthalate	20.72	149	663773	71.117	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.59	252	721170	90.006	ng/ul	95
82) Benzo(a)anthracene	21.67	228	1775759	72.651	ng/ul	93
83) Bis(2-ethylhexyl)phthalate	21.58	149	952162	74.767	ng/ul	94
84) Chrysene	21.74	228	1672110	73.296	ng/ul	95
86) Di-n-octyl phthalate	22.79	149	1599267	75.816	ng/ul	100
87) Benzo(b)fluoranthene	23.89	252	1906499	71.257	ng/ul	94
88) Benzo(k)fluoranthene	23.96	252	1874388	72.862	ng/ul	99
90) Benzo(a)pyrene	24.77	252	1862568	73.054	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	28.59	276	2340060	78.690	ng/ul	97
92) Dibenzo(a,h)anthracene	28.65	278	1965260	81.019	ng/ul	98
93) Benzo(g,h,i)perylene	29.73	276	1961359	78.998	ng/ul	100

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