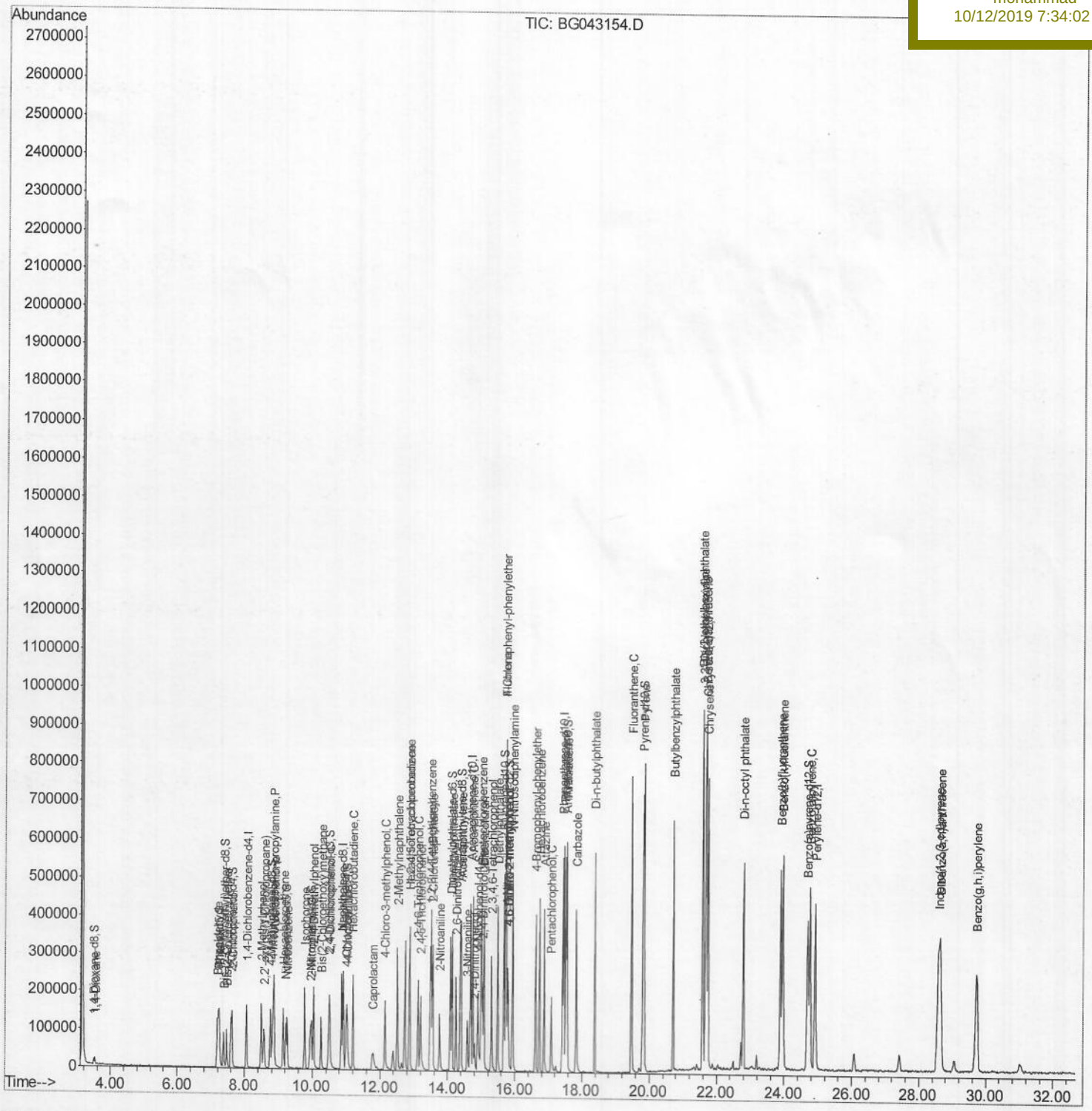
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043154.D
Acq On : 11 Oct 2019 1:37
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Oct 11 02:15:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 11 01:10:39 2019
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02036

Manual Integrations APPROVED
mohammad
10/12/2019 7:34:02 AM



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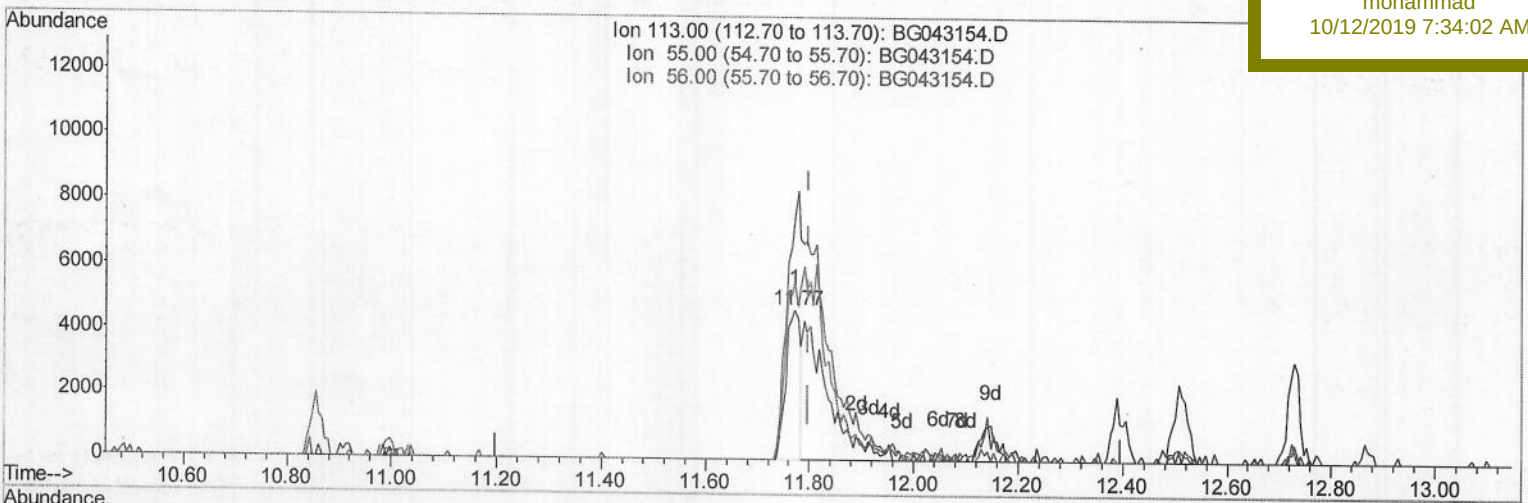

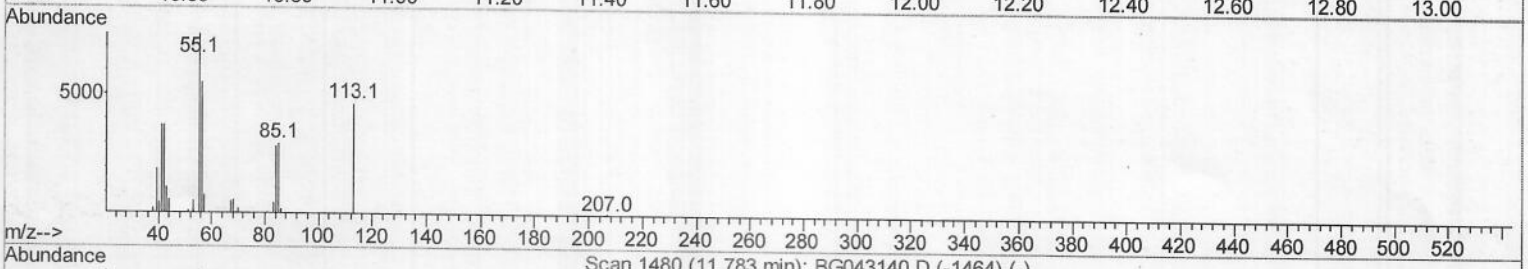

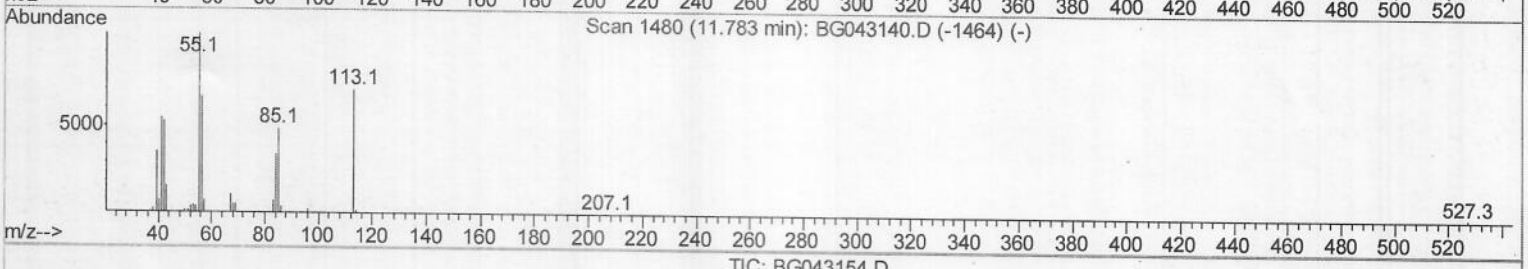

TIC: BG043154.D

(32) Caprolactam

11.771min (-0.027) 7.30ng/ul

response 8980

Ion	Exp%	Act%
113.00	100	100
55.00	149.80	159.99
56.00	113.70	118.44
0.00	0.00	0.00

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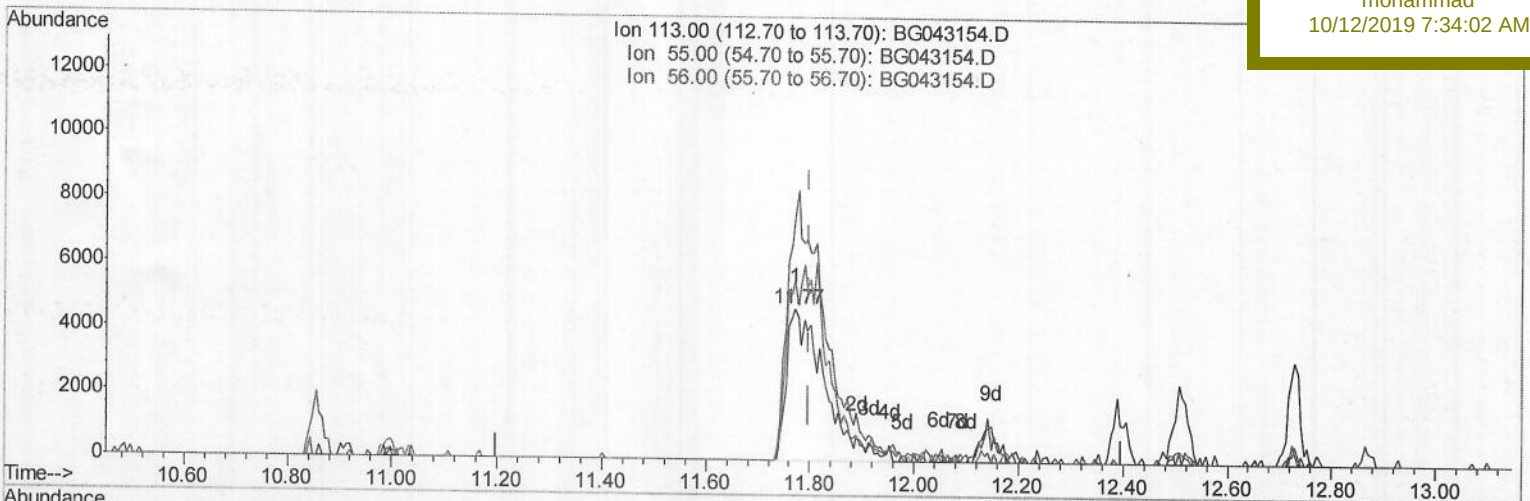

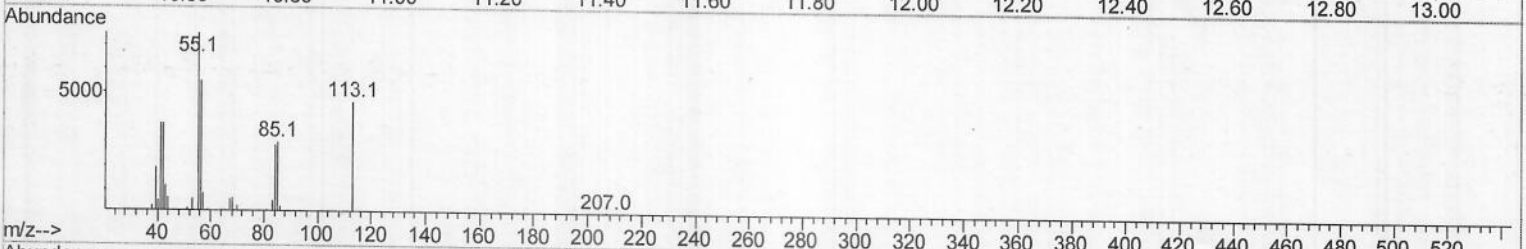

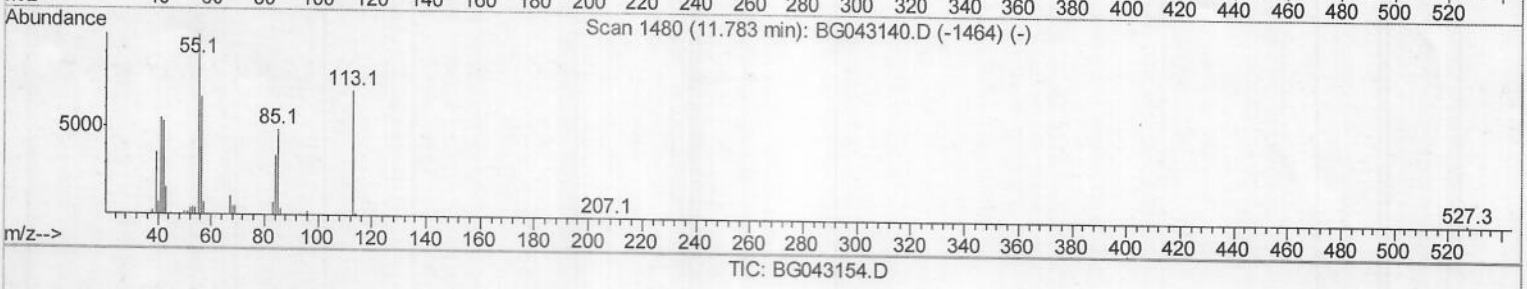

TIC: BG043154.D

(32) Caprolactam

11.771min (-0.027) 19.33ng/ul m JU 20/11/19

response 23760

Ion	Exp%	Act%
113.00	100	100
55.00	149.80	159.99
56.00	113.70	118.44
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	53084	20.00 ng/ul	0.00
18) Naphthalene-d8	10.85	136	217871	20.00 ng/ul	0.00
35) Acenaphthene-d10	14.68	164	165952	20.00 ng/ul	0.00
61) Phenanthrene-d10	17.42	188	388016	20.00 ng/ul	0.00
77) Chrysene-d12	21.70	240	423123	20.00 ng/ul	0.00
85) Perylene-d12	24.91	264	501103	20.00 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.50	96	7960	7.25 ng/uL	0.00
5) Phenol-d5	7.22	99	77345	19.71 ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	41482	18.94 ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	63534	20.20 ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	65787	19.44 ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	31130	20.30 ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	37659	21.54 ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	72296	19.76 ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	76795	20.16 ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	251008	18.81 ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	289345	19.94 ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	34336	19.41 ng/ul	0.00
57) Fluorene-d10	15.67	176	220220	19.44 ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	44841	18.02 ng/ul	0.00
70) Anthracene-d10	17.52	188	361455	19.72 ng/ul	0.00
78) Pyrene-d10	19.80	212	438203	21.00 ng/ul	0.00
89) Benzo(a)pyrene-d12	24.69	264	493757	19.94 ng/ul	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.53	88	8180	7.045 ng/uL	98
4) Benzaldehyde	7.19	77	53771	20.154 ng/ul	90
6) Phenol	7.25	94	78936	19.701 ng/ul	99
8) Bis(2-Chloroethyl)ether	7.47	93	58701	19.859 ng/ul	95
10) 2-Chlorophenol	7.62	128	64101	19.367 ng/ul	97
11) 2-Methylphenol	8.50	108	62884	19.491 ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.58	45	89897	19.929 ng/ul	96
14) Acetophenone	8.87	105	102561	19.082 ng/ul	94
15) N-Nitroso-di-n-propylamine	8.85	70	55270	19.702 ng/ul	97
16) 4-Methylphenol	8.83	108	68257	19.437 ng/ul	86
17) Hexachloroethane	9.14	117	27446	18.732 ng/ul	97
20) Nitrobenzene	9.26	77	79345	20.266 ng/ul#	97
21) Isophorone	9.77	82	159682	19.980 ng/ul	96
23) 2-Nitrophenol	9.97	139	40986	21.776 ng/ul	88
24) 2,4-Dimethylphenol	10.03	107	84786	20.509 ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.26	93	83415	19.985 ng/ul	94
27) 2,4-Dichlorophenol	10.51	162	69170	19.815 ng/ul	96
28) Naphthalene	10.91	128	225706	20.280 ng/ul	98
30) 4-Chloroaniline	11.02	127	81413	20.736 ng/ul#	89
31) Hexachlorobutadiene	11.20	225	61474	19.693 ng/ul	96
32) Caprolactam	11.77	113	23760m	19.326 ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	75495	20.385 ng/ul	92
34) 2-Methylnaphthalene	12.51	142	166654	19.556 ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	114203	19.791 ng/ul	97
37) Hexachlorocyclopentadiene	12.86	237	62698	16.705 ng/ul	88
38) 2,4,6-Trichlorophenol	13.12	196	67383	20.417 ng/ul	93
39) 2,4,5-Trichlorophenol	13.19	196	73114	18.338 ng/ul	99
40) 1,1'-Biphenyl	13.51	154	234435	19.525 ng/ul	96
41) 2-Chloronaphthalene	13.56	162	182954	19.942 ng/ul	96
42) 2-Nitroaniline	13.76	65	56446	22.070 ng/ul#	79
44) Dimethylphthalate	14.13	163	246759	19.149 ng/ul	98
45) 2,6-Dinitrotoluene	14.24	165	53555	20.161 ng/ul	93
47) Acenaphthylene	14.40	152	284762	19.524 ng/ul	98
48) 3-Nitroaniline	14.59	138	42208	19.179 ng/ul	98
49) Acenaphthene	14.74	153	201017	19.283 ng/ul	97
50) 2,4-Dinitrophenol	14.79	184	21884	15.413 ng/ul	91
52) 4-Nitrophenol	14.90	109	40060	21.881 ng/ul	89
53) Dibenzofuran	15.07	168	294255	19.670 ng/ul	99
54) 2,4-Dinitrotoluene	15.03	165	78630	20.056 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.30	232	75073	20.278 ng/ul	93
56) Diethylphthalate	15.48	149	249862	18.735 ng/ul	100
58) Fluorene	15.72	166	249496	19.659 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.71	204	142180	19.504 ng/ul	99
60) 4-Nitroaniline	15.74	138	49652	18.336 ng/ul#	90
63) 4,6-Dinitro-2-methylphenol	15.80	198	47453	18.768 ng/ul#	98
64) N-Nitrosodiphenylamine	15.93	169	218977	20.243 ng/ul	98
65) 4-Bromophenyl-phenylether	16.61	248	102443	20.288 ng/ul	96
66) Hexachlorobenzene	16.73	284	112970	19.952 ng/ul	97
67) Atrazine	16.87	200	92419	19.484 ng/ul	99
68) Pentachlorophenol	17.08	266	51545	19.078 ng/ul	99
69) Phenanthrene	17.46	178	404837	20.213 ng/ul	99
71) Anthracene	17.55	178	417085	20.125 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	115910	20.643 ng/uL	97
73) Pentachlorobenzene	15.00	250	125982	20.501 ng/uL	98
74) Carbazole	17.82	167	366169	20.671 ng/ul	97
75) Di-n-butylphthalate	18.38	149	427224	19.640 ng/ul	100
76) Fluoranthene	19.47	202	535134	20.943 ng/ul	98
79) Pyrene	19.83	202	537098	20.640 ng/ul	98
80) Butylbenzylphthalate	20.71	149	195283	19.933 ng/ul	89
81) 3,3'-Dichlorobenzidine	21.59	252	208138	20.222 ng/ul	98
82) Benzo(a)anthracene	21.67	228	568341	20.074 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.58	149	281252	20.013 ng/ul	98
84) Chrysene	21.74	228	531618	19.953 ng/ul	98
86) Di-n-octyl phthalate	22.79	149	487462	20.541 ng/ul	100
87) Benzo(b)fluoranthene	23.89	252	580908	19.479 ng/ul	97
88) Benzo(k)fluoranthene	23.96	252	579592	19.887 ng/ul	97
90) Benzo(a)pyrene	24.76	252	569140	19.939 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.57	276	689638	19.933 ng/ul	99
92) Dibenzo(a,h)anthracene	28.63	278	581291	19.803 ng/ul	99
93) Benzo(g,h,i)perylene	29.72	276	577742	19.698 ng/ul	97

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