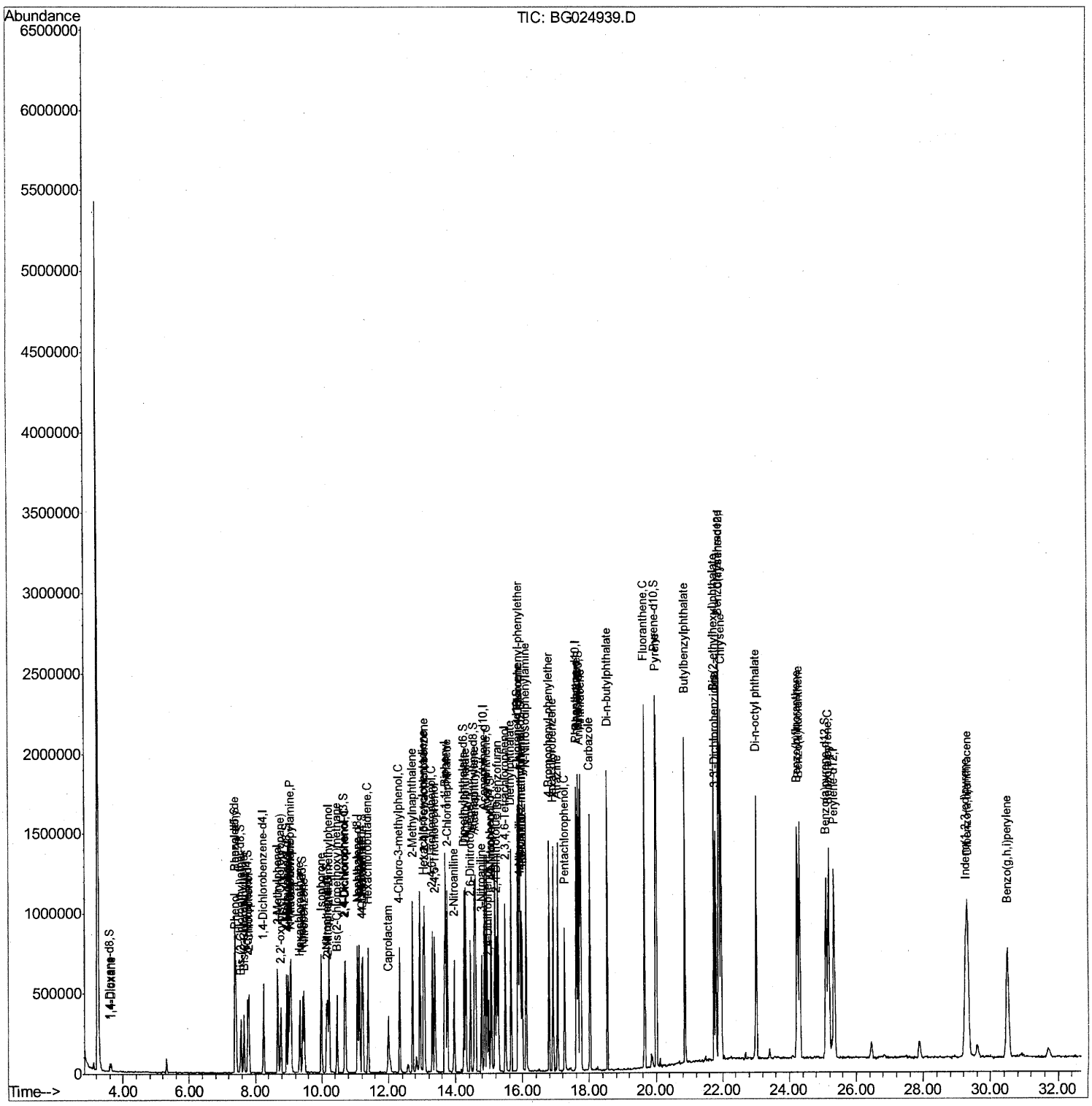
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112816\
Data File : BG024939.D
Acq On : 28 Nov 2016 19:11
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 28 23:53:35 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 28 23:45:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02004

Manual Integrations APPROVED
UMANGI
11/29/2016 2:23:17 PM



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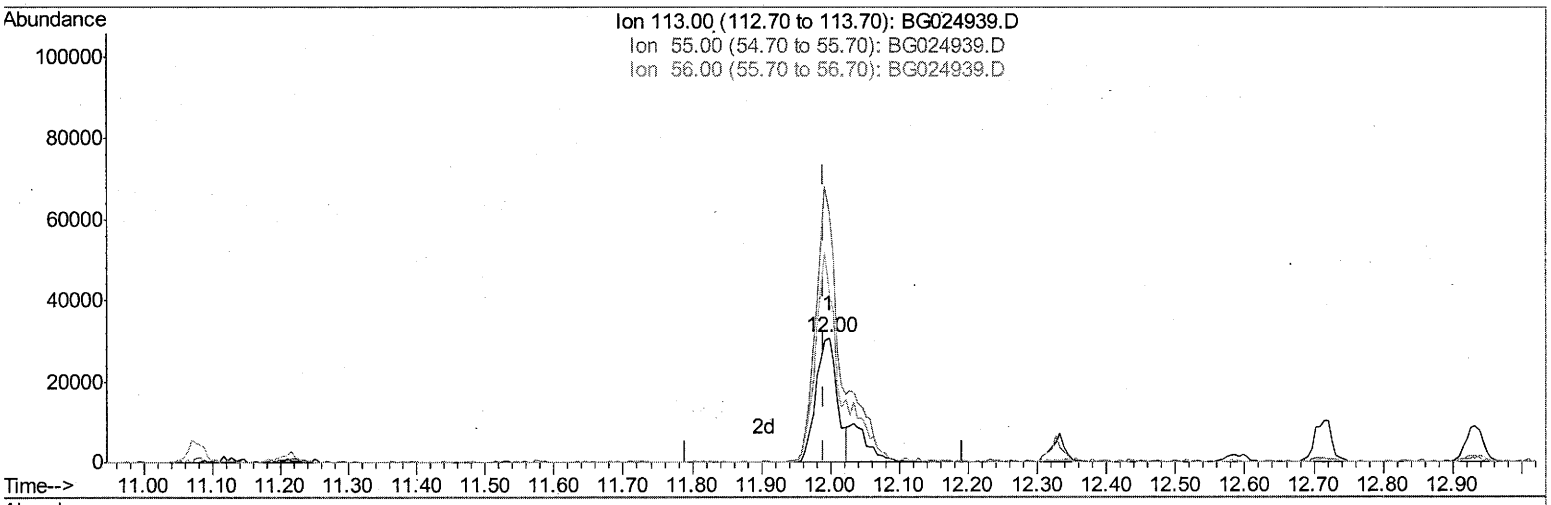

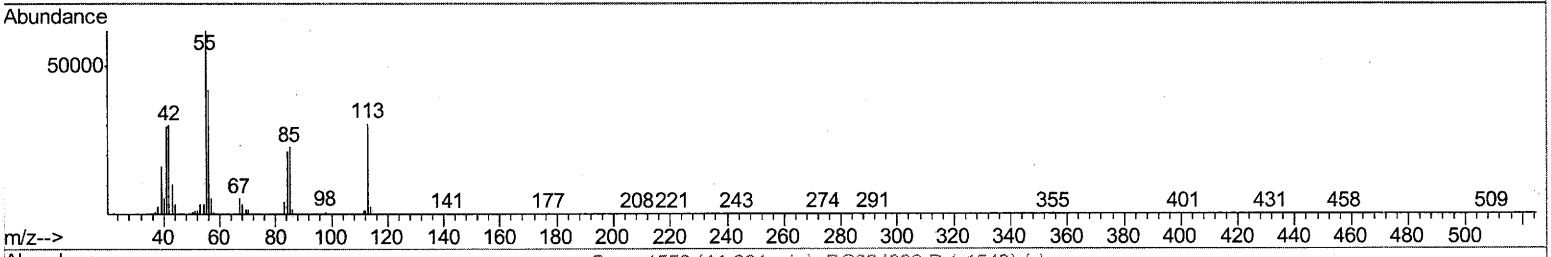

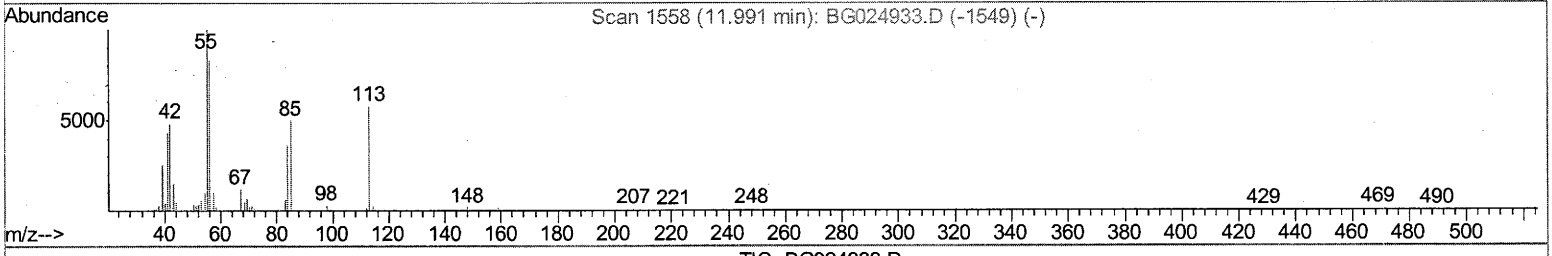

TIC: BG024939.D

(32) Caprolactam

11.998min (+0.007) 14.97ng/ul

response 65732

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	200.88
56.00	160.60	136.46
0.00	0.00	0.00

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UMANGI
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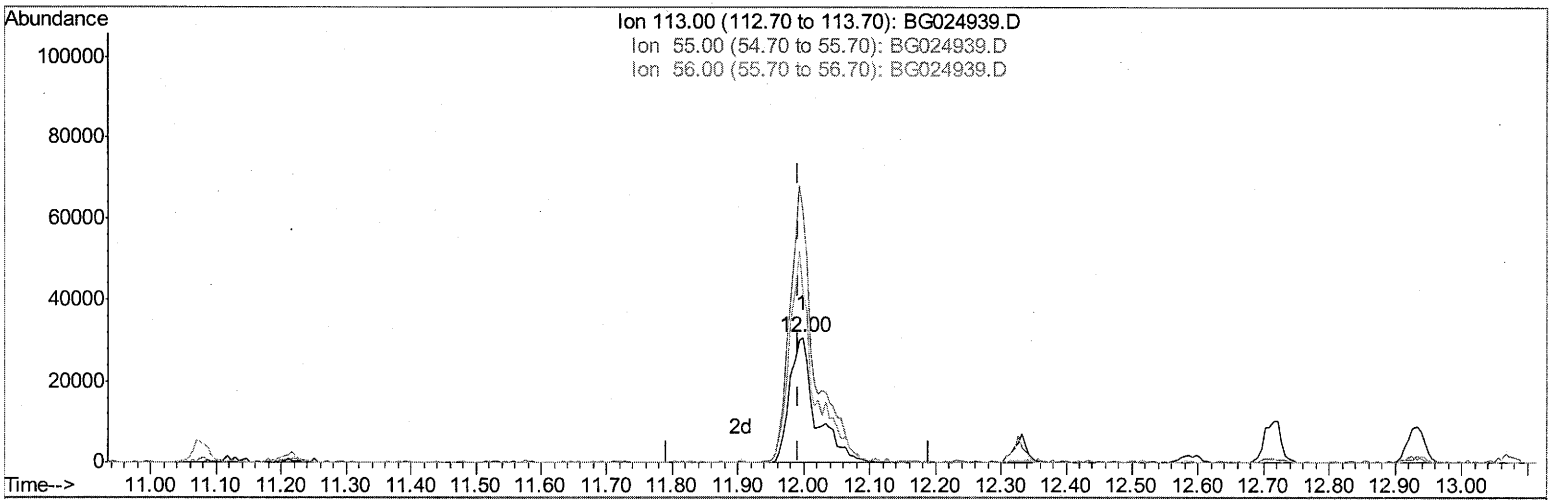

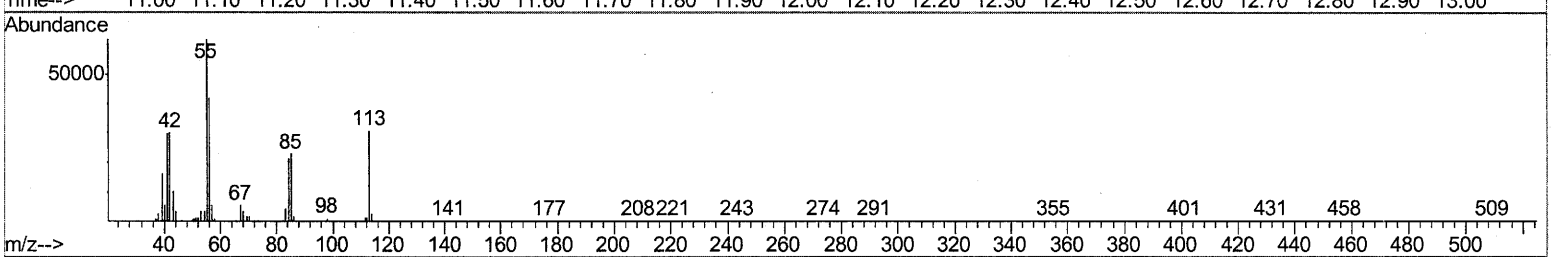

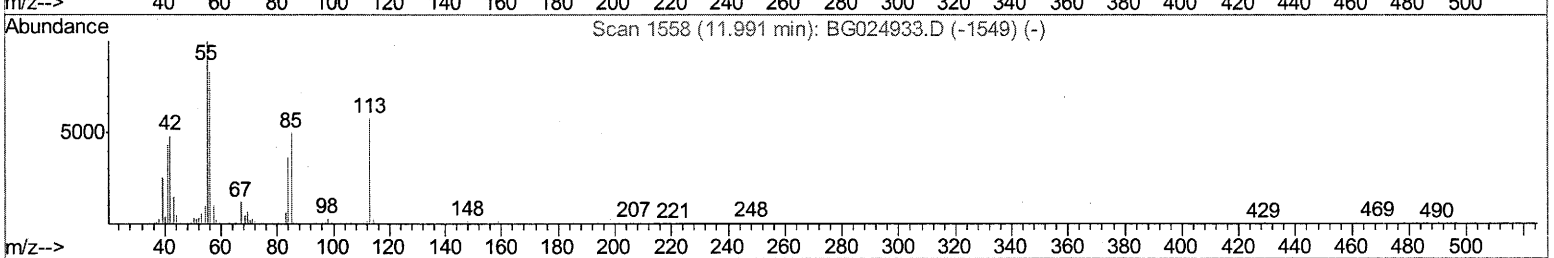

TIC: BG024939.D

(32) Caprolactam

11.998min (+0.007) 19.27ng/ul m

UM
11/29/16

response 84593

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	200.88
56.00	160.60	136.46
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	143981	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	628743	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	510759	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	1124359	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1407901	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	1458268	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	23170	7.63	ng/uL	0.00
5) Phenol-d5	7.39	99	276438	20.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	168122	20.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	187619	20.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	227152	19.82	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	99557	20.09	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	118556	20.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	235716	20.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	279070	21.61	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	750995	20.00	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	861925	20.86	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	125233	18.96	ng/ul	0.00
57) Fluorene-d10	15.86	176	725069	20.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	153824	19.27	ng/ul	0.00
70) Anthracene-d10	17.71	188	1048740	20.50	ng/ul	0.00
76) Pyrene-d10	19.98	212	1265620	20.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	1371791	21.16	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	24667	6.86	ng/uL#	81
4) Benzaldehyde	7.39	77	203346	23.81	ng/ul	95
6) Phenol	7.42	94	291585	21.25	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.66	93	199508	20.46	ng/ul	94
10) 2-Chlorophenol	7.81	128	189681	20.75	ng/ul	95
11) 2-Methylphenol	8.68	108	203271	20.06	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.78	45	352699	21.18	ng/ul	96
14) Acetophenone	9.08	105	340647	20.49	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.05	70	196263	19.92	ng/ul	87
16) 4-Methylphenol	9.01	108	225833	20.29	ng/ul	97
17) Hexachloroethane	9.34	117	84227	20.22	ng/ul	93
20) Nitrobenzene	9.47	77	299280	20.65	ng/ul	97
21) Isophorone	9.98	82	549279	19.99	ng/ul	98
23) 2-Nitrophenol	10.18	139	122042	19.94	ng/ul	91
24) 2,4-Dimethylphenol	10.22	107	283971	20.07	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.46	93	283168	19.55	ng/ul	93
27) 2,4-Dichlorophenol	10.72	162	230897	20.21	ng/ul	95
28) Naphthalene	11.13	128	624306	20.33	ng/ul	97
30) 4-Chloroaniline	11.23	127	277240	21.93	ng/ul	94
31) Hexachlorobutadiene	11.39	225	191754	21.12	ng/ul	88
32) Caprolactam	12.00	113	84593m	19.27	ng/ul	
33) 4-Chloro-3-methylphenol	12.33	107	280054	19.69	ng/ul	99
34) 2-Methylnaphthalene	12.71	142	493712	19.74	ng/ul	89

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11/29/2016 2:23:17 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	349247	21.64 ng/ul#	93
37) Hexachlorocyclopentadiene	13.04	237	297642	30.04 ng/ul	99
38) 2,4,6-Trichlorophenol	13.31	196	211624	20.45 ng/ul	89
39) 2,4,5-Trichlorophenol	13.38	196	237214	20.22 ng/ul	97
40) 1,1'-Biphenyl	13.70	154	682658	20.79 ng/ul	99
41) 2-Chloronaphthalene	13.75	162	544480	21.00 ng/ul	99
42) 2-Nitroaniline	13.96	65	221654	20.98 ng/ul	97
44) Dimethylphthalate	14.31	163	720853	19.60 ng/ul	99
45) 2,6-Dinitrotoluene	14.44	165	158933	19.82 ng/ul	93
47) Acenaphthylene	14.59	152	830842	20.78 ng/ul	99
48) 3-Nitroaniline	14.78	138	150387	21.05 ng/ul#	96
49) Acenaphthene	14.94	153	570334	20.75 ng/ul	98
50) 2,4-Dinitrophenol	14.98	184	95493	17.37 ng/ul#	85
52) 4-Nitrophenol	15.07	109	152615	19.80 ng/ul	96
53) Dibenzofuran	15.26	168	887503	20.82 ng/ul	95
54) 2,4-Dinitrotoluene	15.22	165	234401	19.77 ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	15.48	232	239289	20.10 ng/ul#	97
56) Diethylphthalate	15.66	149	744378	19.77 ng/ul	95
58) Fluorene	15.91	166	712968	20.38 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.89	204	399872	20.63 ng/ul	85
60) 4-Nitroaniline	15.93	138	163824	20.92 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.99	198	154969	19.22 ng/ul#	97
64) N-Nitrosodiphenylamine	16.11	169	651390	20.75 ng/ul	94
65) 4-Bromophenyl-phenylether	16.79	248	293001	21.03 ng/ul	94
66) Hexachlorobenzene	16.91	284	331280	21.17 ng/ul	95
67) Atrazine	17.04	200	290844	20.49 ng/ul	97
68) Pentachlorophenol	17.25	266	183143	20.12 ng/ul	92
69) Phenanthrene	17.66	178	1191936	20.61 ng/ul	98
71) Anthracene	17.74	178	1217804	20.46 ng/ul	99
72) Carbazole	18.01	167	1053945	21.42 ng/ul	98
73) Di-n-butylphthalate	18.54	149	1237942	20.22 ng/ul	99
74) Fluoranthene	19.65	202	1457400	21.84 ng/ul	98
77) Pyrene	20.01	202	1462336	20.04 ng/ul	99
78) Butylbenzylphthalate	20.86	149	592238	20.68 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.79	252	587977	22.17 ng/ul	96
80) Benzo(a)anthracene	21.88	228	1604426	20.74 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.74	149	830023	20.63 ng/ul	99
82) Chrysene	21.96	228	1521008	20.85 ng/ul	98
84) Di-n-octyl phthalate	23.01	149	1429505	21.88 ng/ul	100
85) Benzo(b)fluoranthene	24.23	252	1666085	21.42 ng/ul	100
86) Benzo(k)fluoranthene	24.30	252	1539308	20.68 ng/ul	99
88) Benzo(a)pyrene	25.16	252	1594137	21.08 ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.26	276	1960015	21.14 ng/ul	96
90) Dibenzo(a,h)anthracene	29.31	278	1639063	21.19 ng/ul	94
91) Benzo(g,h,i)perylene	30.50	276	1608545	21.08 ng/ul	94

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