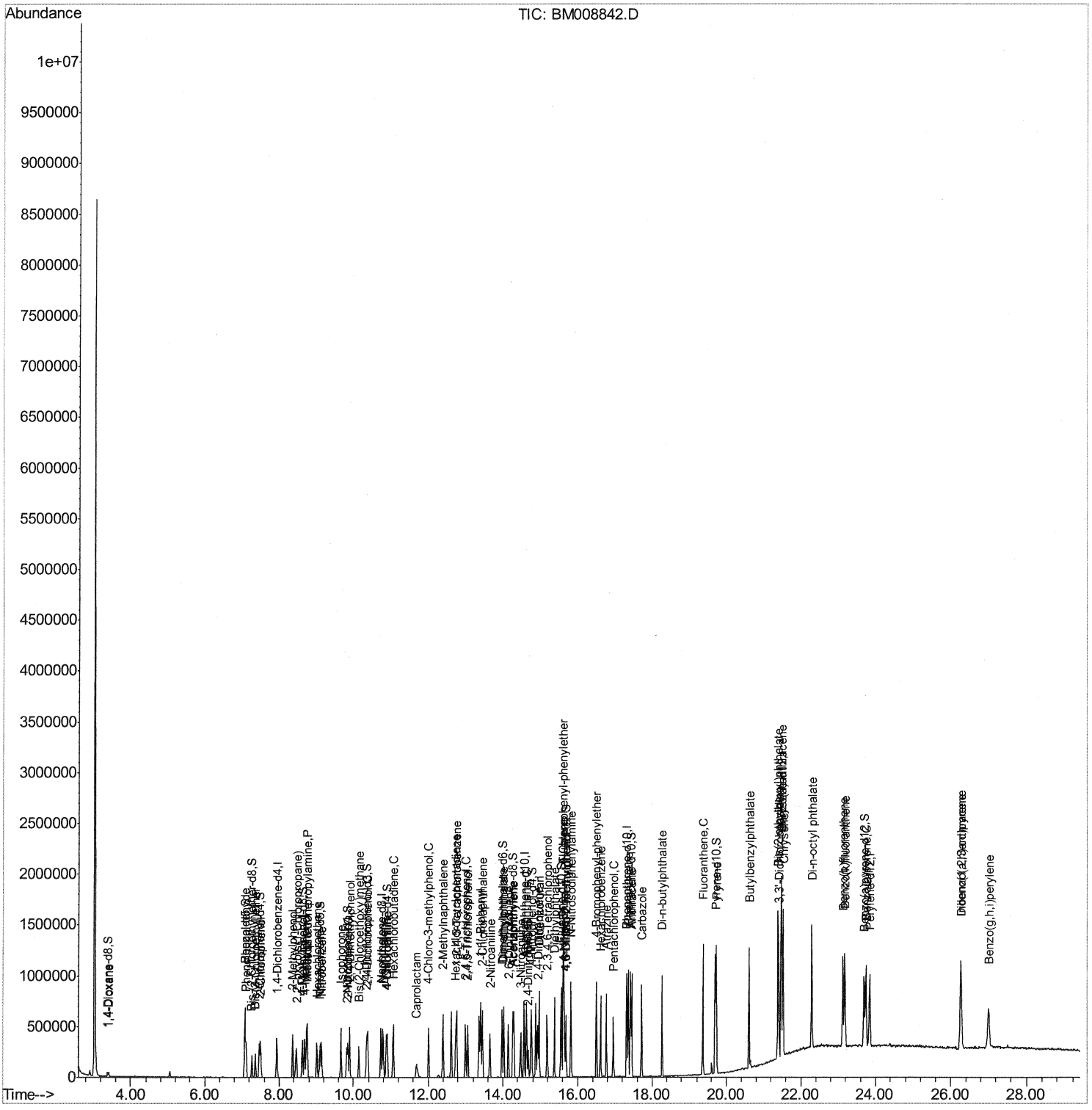
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012417\
Data File : BM008842.D
Acq On : 24 Jan 2017 17:26
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 03:36:03 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 04:28:48 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02046

Manual Integrations APPROVED
mohammad
1/25/2017 3:46:00 PM



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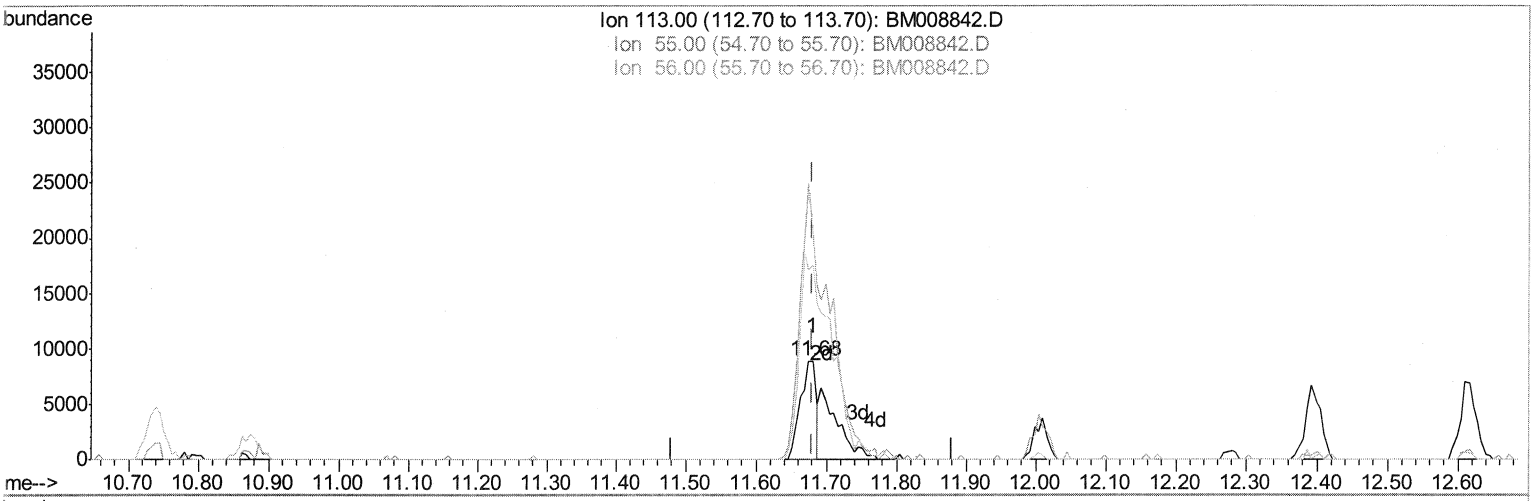

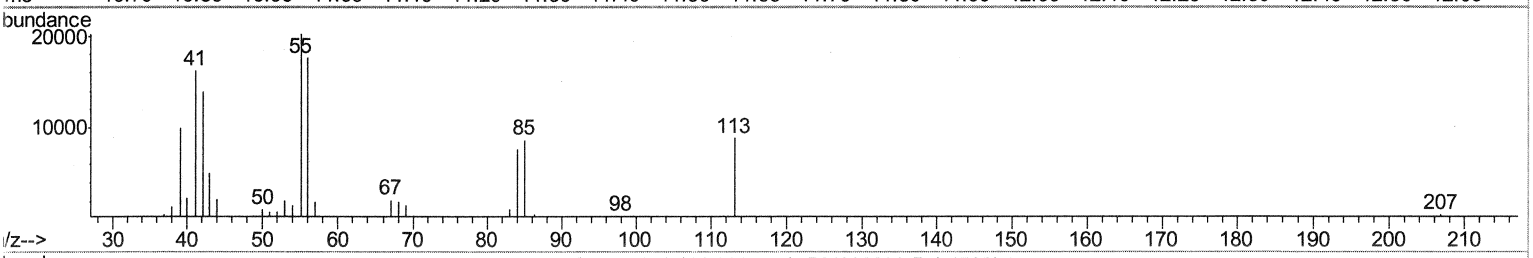

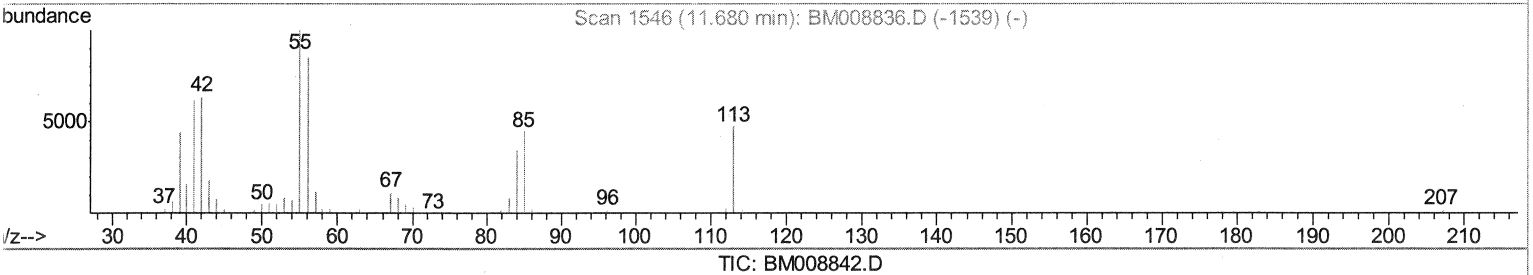

TIC: BM008842.D

(32) Caprolactam

11.681min (+0.000) 10.44ng/ul

response 13893

Ion	Exp%	Act%
113.00	100	100
55.00	146.20	227.26#
56.00	122.10	197.95#
0.00	0.00	0.00

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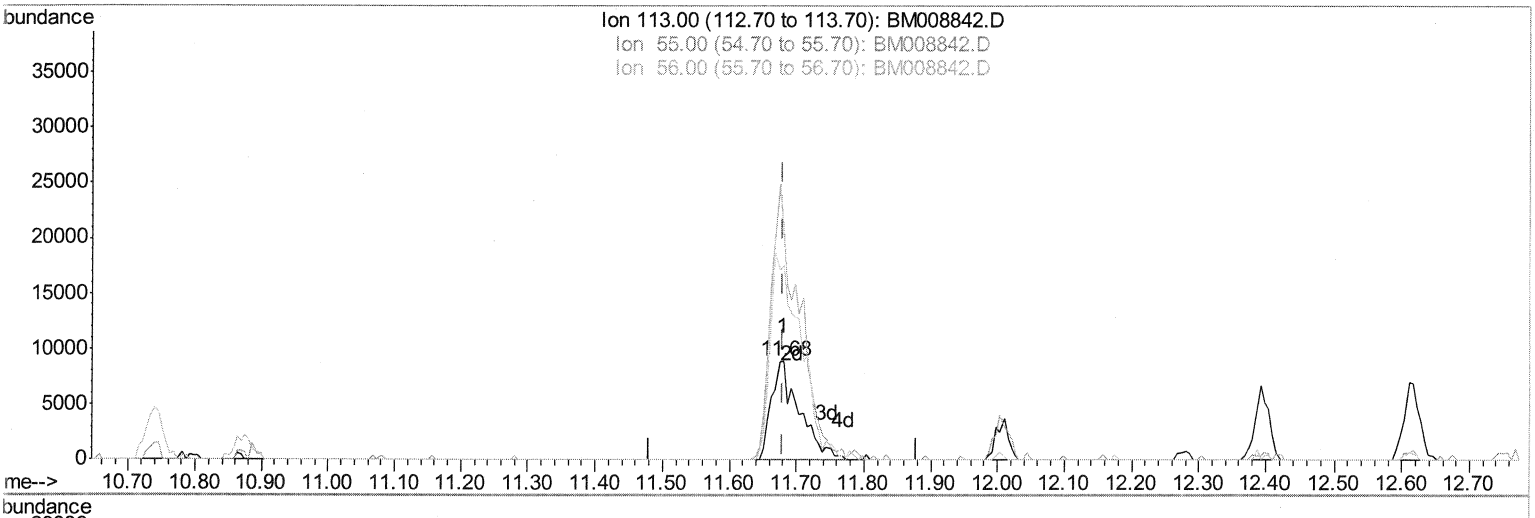

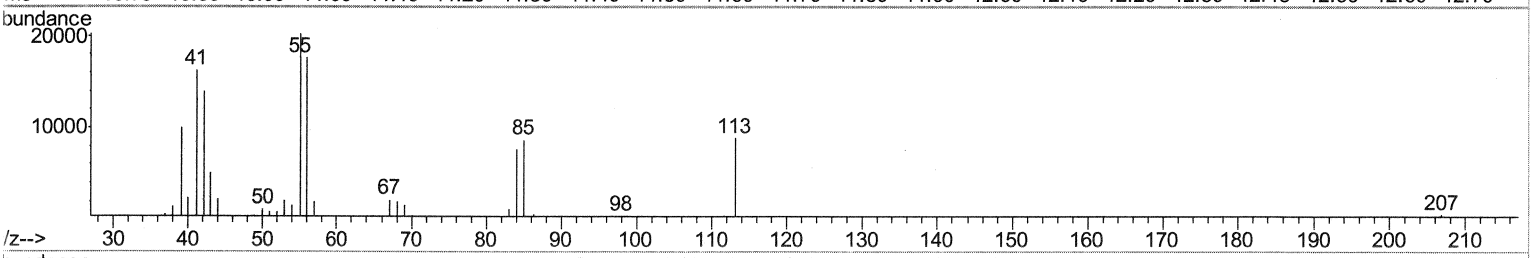

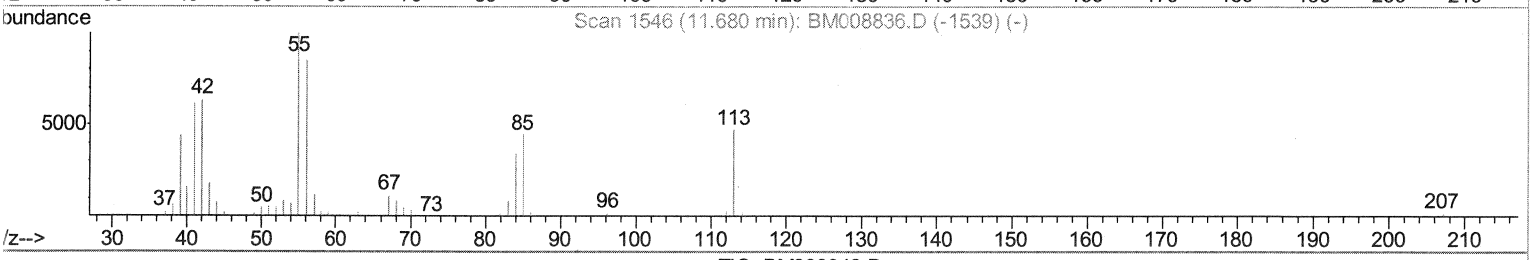

TIC: BM008842.D

(32) Caprolactam

11.681min (+0.000) 19.32ng/ul m SJ 1/27/17

response 25714

Ion	Exp%	Act%
113.00	100	100
55.00	146.20	227.26#
56.00	122.10	197.95#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	7.93	152	64209	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	272164	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	216474	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	507806	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	625896	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	531533	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	12406	9.55	ng/uL	0.00
5) Phenol-d5	7.09	99	115749	21.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	94296	21.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	76582	21.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	87401	20.52	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	37662	21.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	42156	20.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	87540	19.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	109450	22.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	311865	21.99	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	366988	21.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	45942	19.36	ng/ul	0.00
57) Fluorene-d10	15.56	176	291868	21.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	58123	19.22	ng/ul	0.00
70) Anthracene-d10	17.42	188	488902	22.02	ng/ul	0.00
76) Pyrene-d10	19.70	212	580151	21.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	492165	21.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	14409	9.15	ng/uL#	53
4) Benzaldehyde	7.08	77	113587	25.39	ng/ul#	74
6) Phenol	7.11	94	119826	20.21	ng/ul#	30
8) Bis(2-Chloroethyl)ether	7.35	93	89581	20.17	ng/ul#	75
10) 2-Chlorophenol	7.50	128	76405	20.87	ng/ul#	67
11) 2-Methylphenol	8.36	108	89682	21.09	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.46	45	178070	21.33	ng/ul#	86
14) Acetophenone	8.76	105	159433	20.42	ng/ul#	52
15) N-Nitroso-di-n-propylamine	8.74	70	108723	21.38	ng/ul#	59
16) 4-Methylphenol	8.69	108	91293	19.93	ng/ul	89
17) Hexachloroethane	9.02	117	49085	21.74	ng/ul	99
20) Nitrobenzene	9.14	77	166157	21.77	ng/ul#	77
21) Isophorone	9.66	82	257964	20.94	ng/ul#	89
23) 2-Nitrophenol	9.85	139	47080	21.56	ng/ul#	13
24) 2,4-Dimethylphenol	9.90	107	138131	22.18	ng/ul#	79
25) Bis(2-Chloroethoxy)methane	10.15	93	133225	21.70	ng/ul	94
27) 2,4-Dichlorophenol	10.37	162	91939	21.24	ng/ul	96
28) Naphthalene	10.79	128	272671	21.70	ng/ul	98
30) 4-Chloroaniline	10.90	127	111843	22.75	ng/ul	91
31) Hexachlorobutadiene	11.06	225	93887	22.42	ng/ul	97
32) Caprolactam	11.68	113	25714m >	19.32	ng/ul	
33) 4-Chloro-3-methylphenol	12.00	107	118627	21.12	ng/ul#	82
34) 2-Methylnaphthalene	12.39	142	214544	21.03	ng/ul	98

SJ 1/27/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.76	216	151356	22.76	ng/ul#	93
37) Hexachlorocyclopentadiene	12.73	237	104718	20.37	ng/ul	99
38) 2,4,6-Trichlorophenol	13.00	196	87666	21.84	ng/ul	95
39) 2,4,5-Trichlorophenol	13.07	196	96045	22.28	ng/ul	92
40) 1,1'-Biphenyl	13.40	154	301244	22.51	ng/ul	98
41) 2-Chloronaphthalene	13.45	162	233485	22.18	ng/ul	98
42) 2-Nitroaniline	13.66	65	115426	22.09	ng/ul#	65
44) Dimethylphthalate	14.02	163	310711	21.92	ng/ul	100
45) 2,6-Dinitrotoluene	14.15	165	58220	21.43	ng/ul#	70
47) Acenaphthylene	14.30	152	355652	21.99	ng/ul	98
48) 3-Nitroaniline	14.48	138	56913	22.15	ng/ul#	61
49) Acenaphthene	14.63	153	250066	21.99	ng/ul	95
50) 2,4-Dinitrophenol	14.68	184	35373	18.13	ng/ul#	57
52) 4-Nitrophenol	14.77	109	104850	21.44	ng/ul#	69
53) Dibenzofuran	14.97	168	390571	22.33	ng/ul#	85
54) 2,4-Dinitrotoluene	14.93	165	90486	21.70	ng/ul#	61
55) 2,3,4,6-Tetrachlorophenol	15.19	232	93663	21.63	ng/ul#	88
56) Diethylphthalate	15.39	149	334191	21.67	ng/ul	96
58) Fluorene	15.62	166	327893	22.44	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.61	204	187909	22.20	ng/ul	93
60) 4-Nitroaniline	15.64	138	67975	23.74	ng/ul#	20
63) 4,6-Dinitro-2-methylphenol	15.69	198	62459	19.97	ng/ul#	69
64) N-Nitrosodiphenylamine	15.82	169	281859	21.94	ng/ul	96
65) 4-Bromophenyl-phenylether	16.50	248	119079	21.60	ng/ul#	84
66) Hexachlorobenzene	16.62	284	128148	21.43	ng/ul#	87
67) Atrazine	16.77	200	124334	21.14	ng/ul#	88
68) Pentachlorophenol	16.96	266	77769	19.81	ng/ul	93
69) Phenanthrene	17.36	178	543859	21.74	ng/ul	98
71) Anthracene	17.45	178	553625	21.64	ng/ul	99
72) Carbazole	17.72	167	493223	21.98	ng/ul	100
73) Di-n-butylphthalate	18.27	149	581114	21.53	ng/ul#	96
74) Fluoranthene	19.37	202	692620	21.31	ng/ul#	96
77) Pyrene	19.73	202	707866	21.08	ng/ul#	93
78) Butylbenzylphthalate	20.62	149	258944	20.71	ng/ul#	76
79) 3,3'-Dichlorobenzidine	21.40	252	253318	21.65	ng/ul	98
80) Benzo(a)anthracene	21.47	228	731811	21.74	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.38	149	349443	20.12	ng/ul	99
82) Chrysene	21.52	228	679117	21.70	ng/ul	100
84) Di-n-octyl phthalate	22.29	149	598639	19.41	ng/ul#	79
85) Benzo(b)fluoranthene	23.13	252	649233	21.03	ng/ul#	96
86) Benzo(k)fluoranthene	23.17	252	637675	21.74	ng/ul#	97
88) Benzo(a)pyrene	23.74	252	616692	21.76	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.26	276	645727	22.70	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.27	278	551834	22.42	ng/ul#	93
91) Benzo(g,h,i)perylene	27.00	276	535602	23.16	ng/ul#	93

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