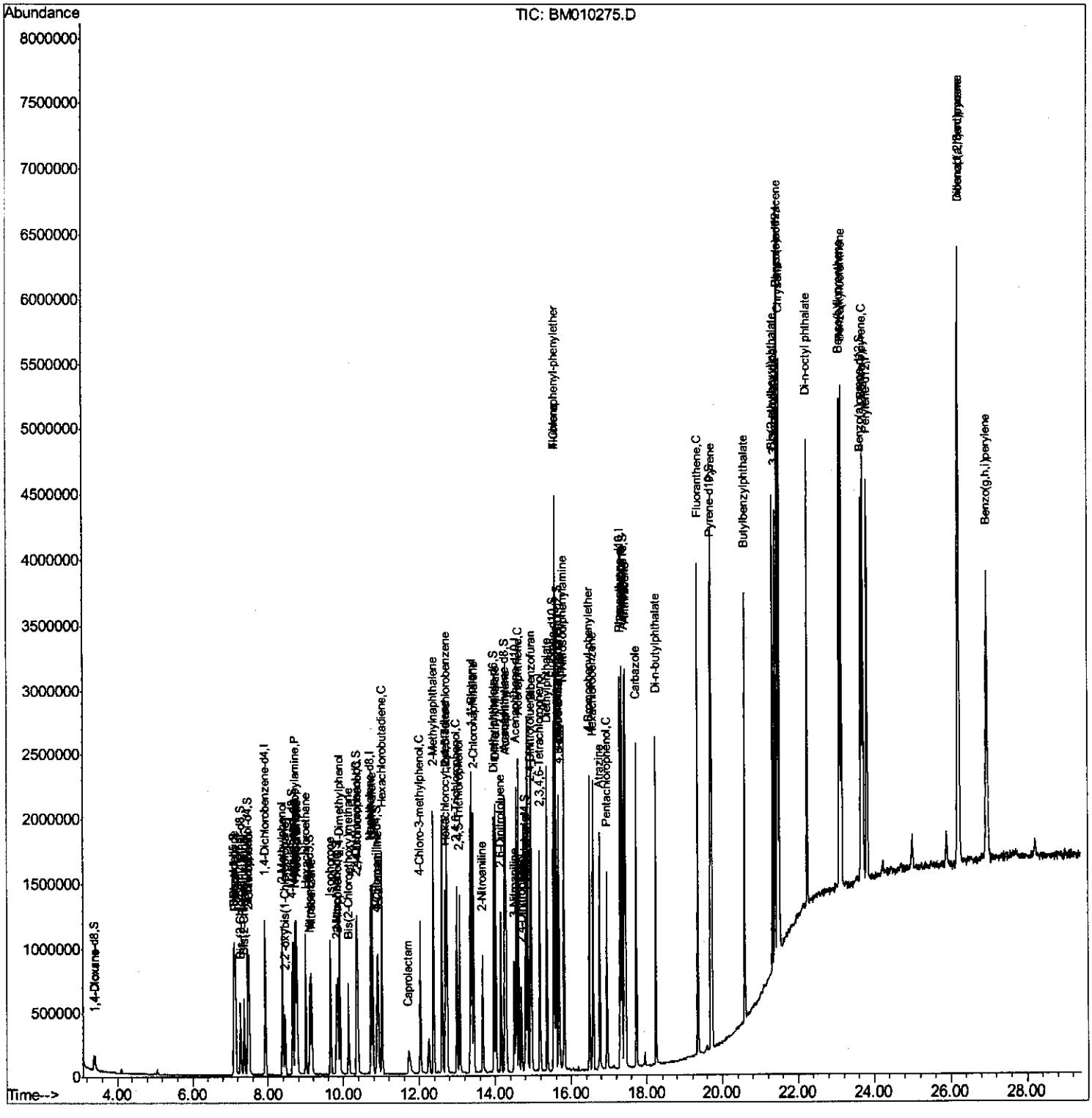
Data Path : Z:\HPCHEM1\BNA M\Data\BM052717\
Data File : BM010275.D
Acq On : 27 May 2017 14:54
Operator : SJ/MA
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 30 15:34:23 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 30 15:28:56 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV07

Manual Integrations APPROVED
mohammad
5/30/2017 4:40:30 PM



Quantitation Report (Qedit)

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Data File : BM010275.D
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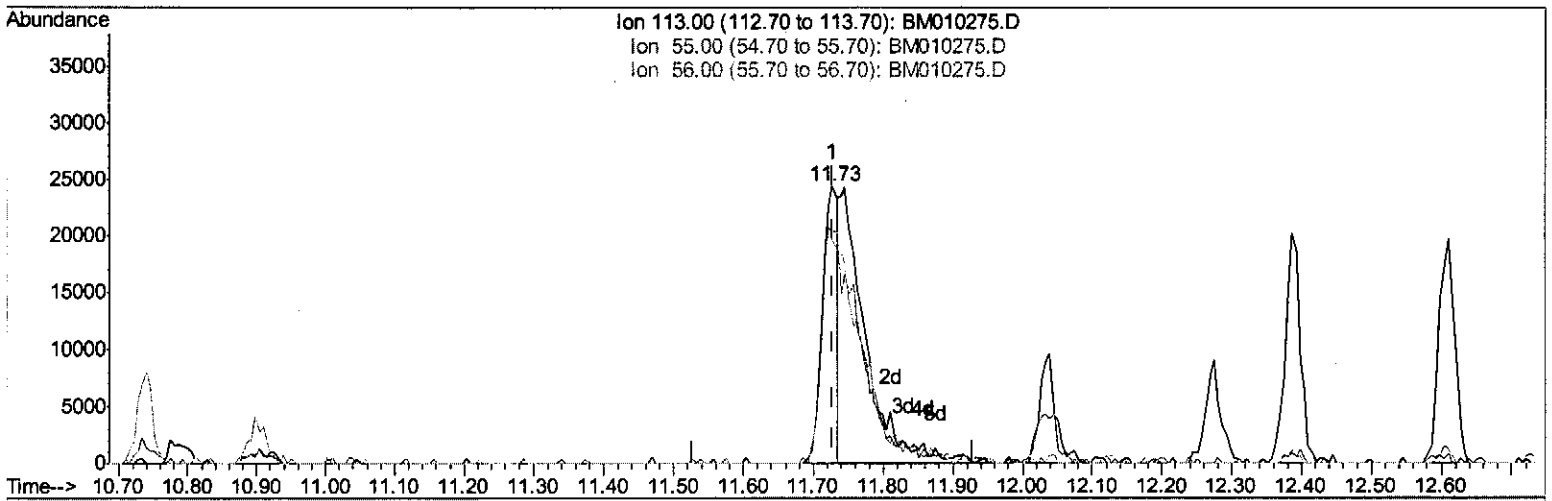

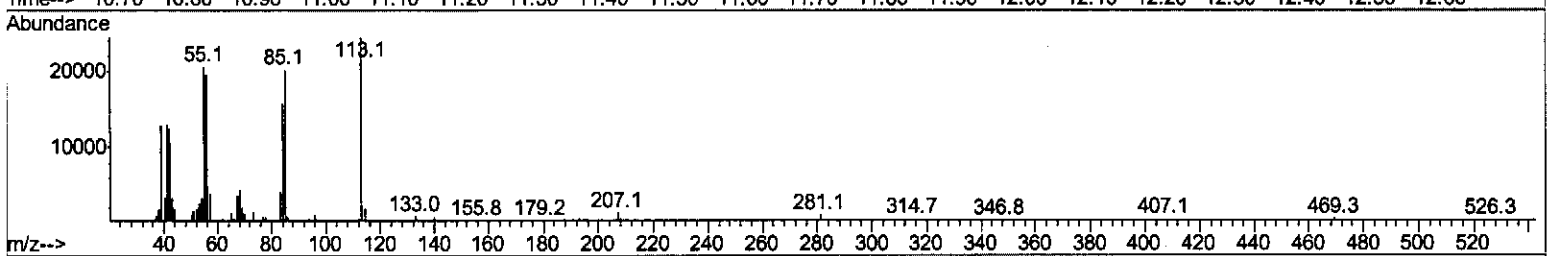

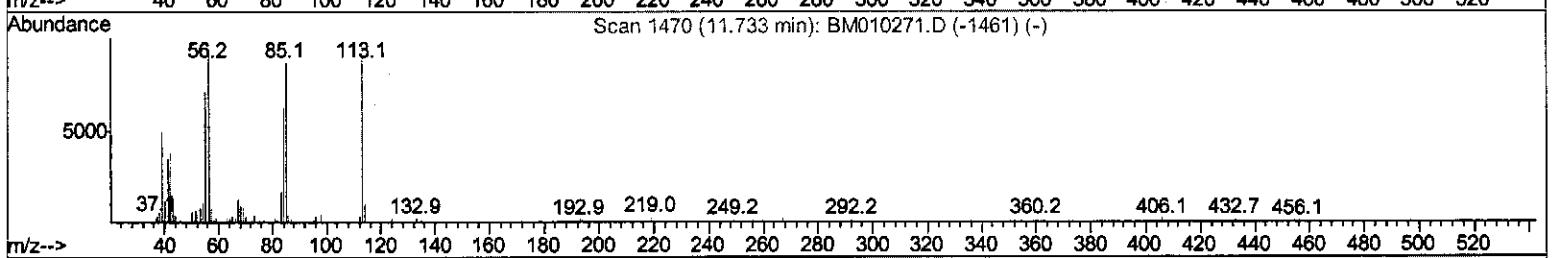

TIC: BM010275.D

(32) Caprolactam

11.728min (0.000) 7.93ng/ul

response 37078

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	83.85#
56.00	107.50	80.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
mohammad
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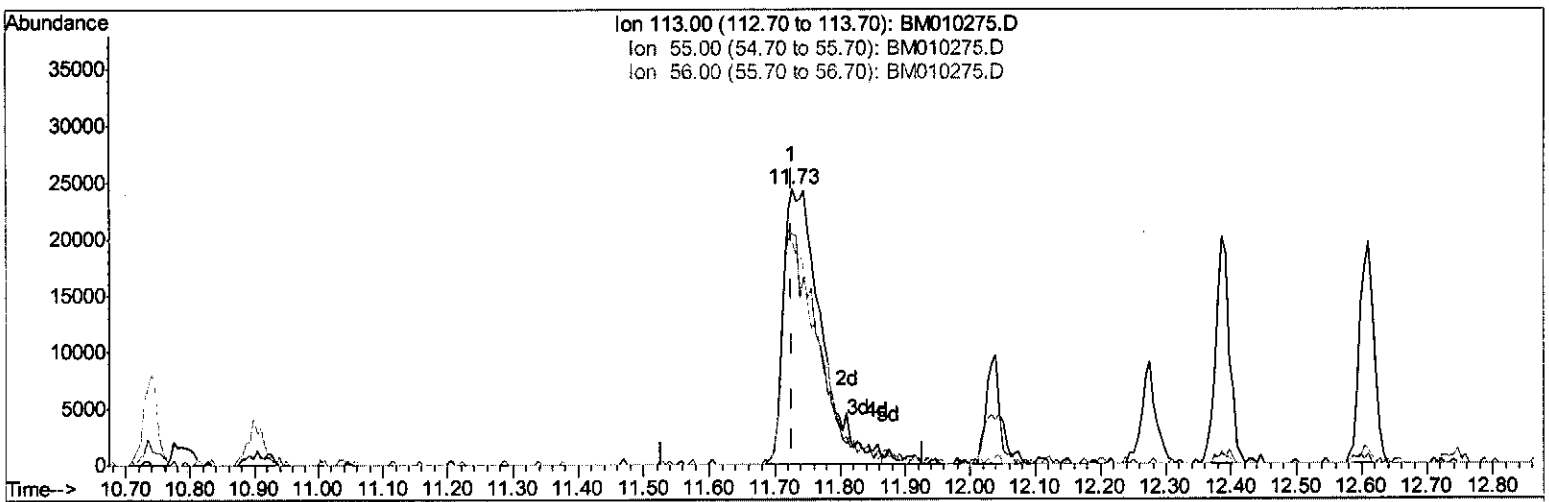

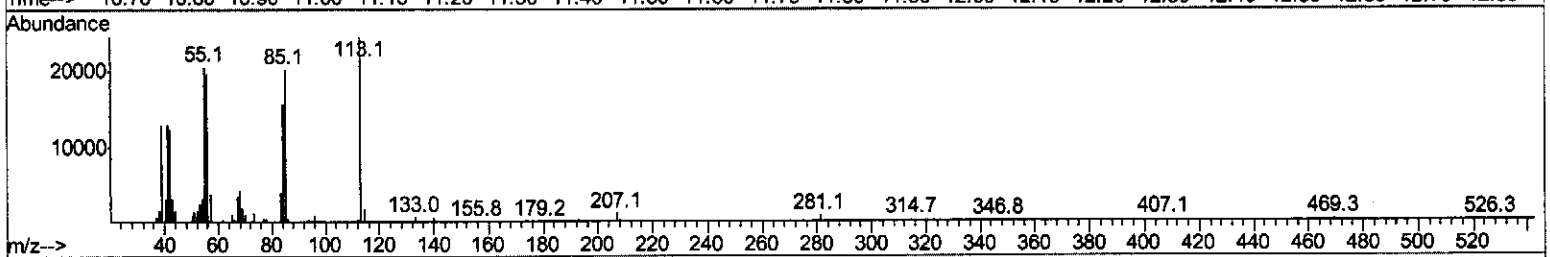

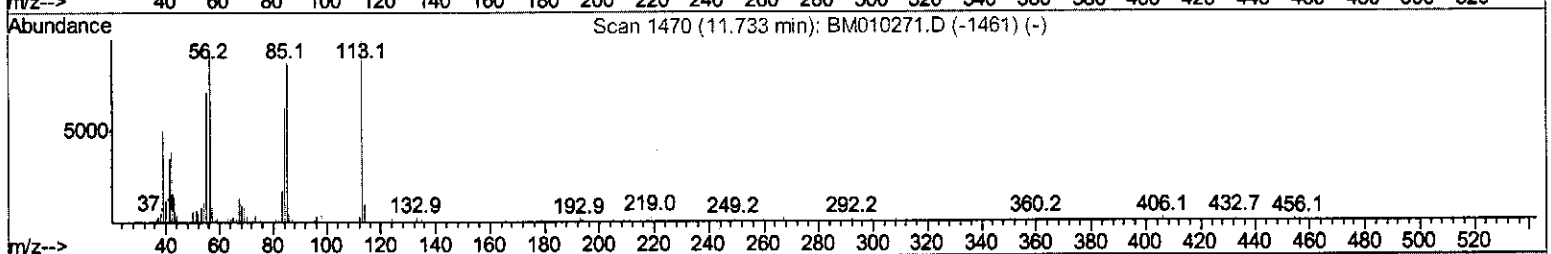

TIC: BM010275.D

(32) Caprolactam

11.728min (0.000) 20.82ng/ul m SJ 5/30/17

response 97308

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	83.85#
56.00	107.50	80.68#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument :
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Quant Time: May 30 15:34:23 2017
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	292098	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1093607	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	688336	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.31	188	1608364	20.00	ng/ul	0.00
75) Chrysene-d12	21.47	240	2250034	20.00	ng/ul	0.00
83) Perylene-d12	23.82	264	2319944	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	61382	8.62	ng/uL	0.00
5) Phenol-d5	7.12	99	427738	19.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	245692	19.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	366279	20.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	343858	19.25	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	161373	20.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	186475	20.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	380772	19.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	373351	20.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.98	166	1171718	20.49	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	1346822	20.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	156440	18.28	ng/ul	0.00
57) Fluorene-d10	15.56	176	1006754	20.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	206983	18.17	ng/ul	0.00
70) Anthracene-d10	17.41	188	1581717	20.21	ng/ul	0.00
76) Pyrene-d10	19.69	212	1863175	20.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.67	264	2158046	19.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	66308	8.74	ng/uL#	46
4) Benzaldehyde	7.09	77	316120	21.24	ng/ul	97
6) Phenol	7.15	94	442731	19.51	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.36	93	311399	19.77	ng/ul	95
10) 2-Chlorophenol	7.50	128	359300	20.29	ng/ul	95
11) 2-Methylphenol	8.39	108	325752	19.67	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.46	45	142133	20.01	ng/ul#	49
14) Acetophenone	8.77	105	554091	19.01	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.74	70	298379	20.48	ng/ul#	81
16) 4-Methylphenol	8.72	108	347712	19.14	ng/ul	88
17) Hexachloroethane	9.00	117	163649	20.35	ng/ul	85
20) Nitrobenzene	9.16	77	470758	20.58	ng/ul	97
21) Isophorone	9.66	82	724001	20.57	ng/ul	95
23) 2-Nitrophenol	9.86	139	195499	19.87	ng/ul	94
24) 2,4-Dimethylphenol	9.91	107	463153	20.25	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.15	93	405033	20.47	ng/ul	94
27) 2,4-Dichlorophenol	10.39	162	380460	20.37	ng/ul#	92
28) Naphthalene	10.79	128	1096346	19.99	ng/ul	99
30) 4-Chloroaniline	10.93	127	361831	20.38	ng/ul	94
31) Hexachlorobutadiene	11.03	225	329821	19.28	ng/ul	93
32) Caprolactam	11.73	113	97308m	20.82	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	373652	20.78	ng/ul	98
34) 2-Methylnaphthalene	12.39	142	834634	20.07	ng/ul	96

SJ 5/30/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.74	216	558028	19.49	ng/ul	99
37) Hexachlorocyclopentadiene	12.70	237	354619	18.47	ng/ul	93
38) 2,4,6-Trichlorophenol	13.00	196	329215	20.23	ng/ul	98
39) 2,4,5-Trichlorophenol	13.07	196	338554	20.62	ng/ul	94
40) 1,1'-Biphenyl	13.40	154	1104482	19.78	ng/ul	100
41) 2-Chloronaphthalene	13.45	162	873534	19.91	ng/ul	98
42) 2-Nitroaniline	13.68	65	235733	21.10	ng/ul	96
44) Dimethylphthalate	14.03	163	1121308	19.94	ng/ul	99
45) 2,6-Dinitrotoluene	14.16	165	209921	20.36	ng/ul	93
47) Acenaphthylene	14.29	152	1306987	20.05	ng/ul	98
48) 3-Nitroaniline	14.51	138	199576	20.09	ng/ul	89
49) Acenaphthene	14.63	153	917329	20.06	ng/ul	100
50) 2,4-Dinitrophenol	14.70	184	145072	18.62	ng/ul	96
52) 4-Nitrophenol	14.82	109	228168	19.46	ng/ul	88
53) Dibenzofuran	14.96	168	1359165	20.10	ng/ul	93
54) 2,4-Dinitrotoluene	14.95	165	312581	20.65	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.19	232	316305	20.06	ng/ul#	90
56) Diethylphthalate	15.37	149	1113831	20.47	ng/ul	97
58) Fluorene	15.61	166	1106730	19.95	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.60	204	633954	20.00	ng/ul	95
60) 4-Nitroaniline	15.67	138	204466	19.66	ng/ul	86
63) 4,6-Dinitro-2-methylphenol	15.69	198	220939	18.30	ng/ul	95
64) N-Nitrosodiphenylamine	15.82	169	935080	19.94	ng/ul	97
65) 4-Bromophenyl-phenylether	16.50	248	397358	20.08	ng/ul	94
66) Hexachlorobenzene	16.59	284	408357	19.70	ng/ul#	84
67) Atrazine	16.77	200	392316	19.25	ng/ul	94
68) Pentachlorophenol	16.95	266	246207	18.66	ng/ul	94
69) Phenanthrene	17.35	178	1741755	20.29	ng/ul	99
71) Anthracene	17.44	178	1808872	20.18	ng/ul	99
72) Carbazole	17.73	167	1496396	19.72	ng/ul	99
73) Di-n-butylphthalate	18.24	149	1764329	20.60	ng/ul	99
74) Fluoranthene	19.36	202	2232425	21.14	ng/ul	100
77) Pyrene	19.72	202	2338925	20.17	ng/ul	100
78) Butylbenzylphthalate	20.60	149	798273	19.92	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.40	252	896011	20.29	ng/ul	99
80) Benzo(a)anthracene	21.46	228	2534884	19.98	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.34	149	1184166	19.86	ng/ul	98
82) Chrysene	21.51	228	2292487	19.99	ng/ul	99
84) Di-n-octyl phthalate	22.24	149	2202498	20.63	ng/ul#	92
85) Benzo(b)fluoranthene	23.10	252	2759515	20.44	ng/ul#	98
86) Benzo(k)fluoranthene	23.15	252	2622302	20.33	ng/ul#	97
88) Benzo(a)pyrene	23.72	252	2662278	19.90	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.23	276	3350156	19.82	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.23	278	2887690	19.83	ng/ul#	97
91) Benzo(g,h,i)perylene	26.97	276	2779202	19.95	ng/ul	99

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