Data Path : Z:\HPCHEM1\BNA M\DATA\BM051816\
Data File : BM005466.D
Acq On : 18 May 2016 11:55
Operator : UM/SJ
Sample : SSTD04041
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 12:44:56 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 11:54:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD04041

Manual Integrations APPROVED
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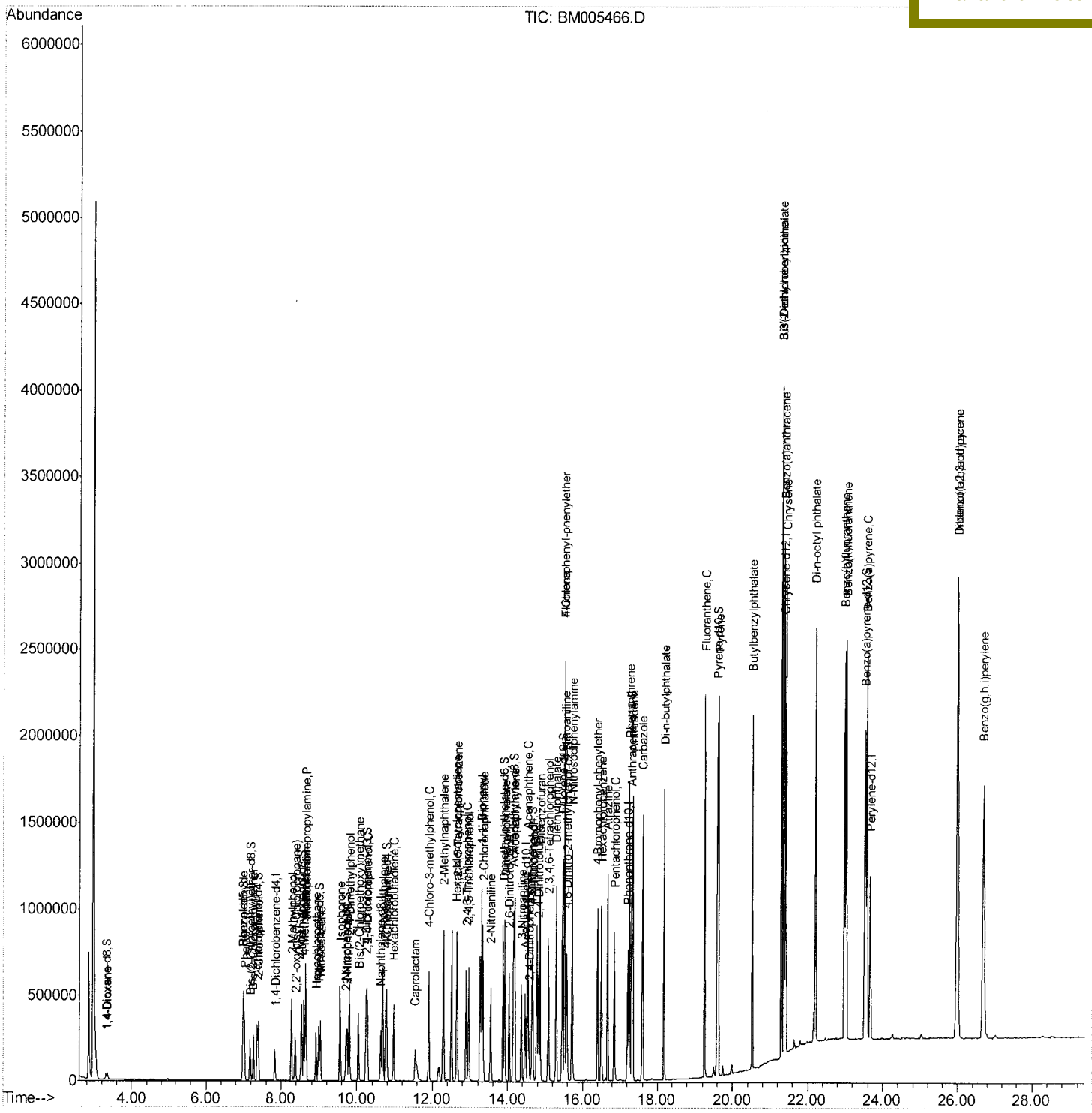

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051816\
Data File : BM005466.D
Acq On : 18 May 2016 11:55
Operator : UM/SJ
Sample : SSTD04041
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 12:42:39 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 11:54:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD04041

Manual Integrations APPROVED
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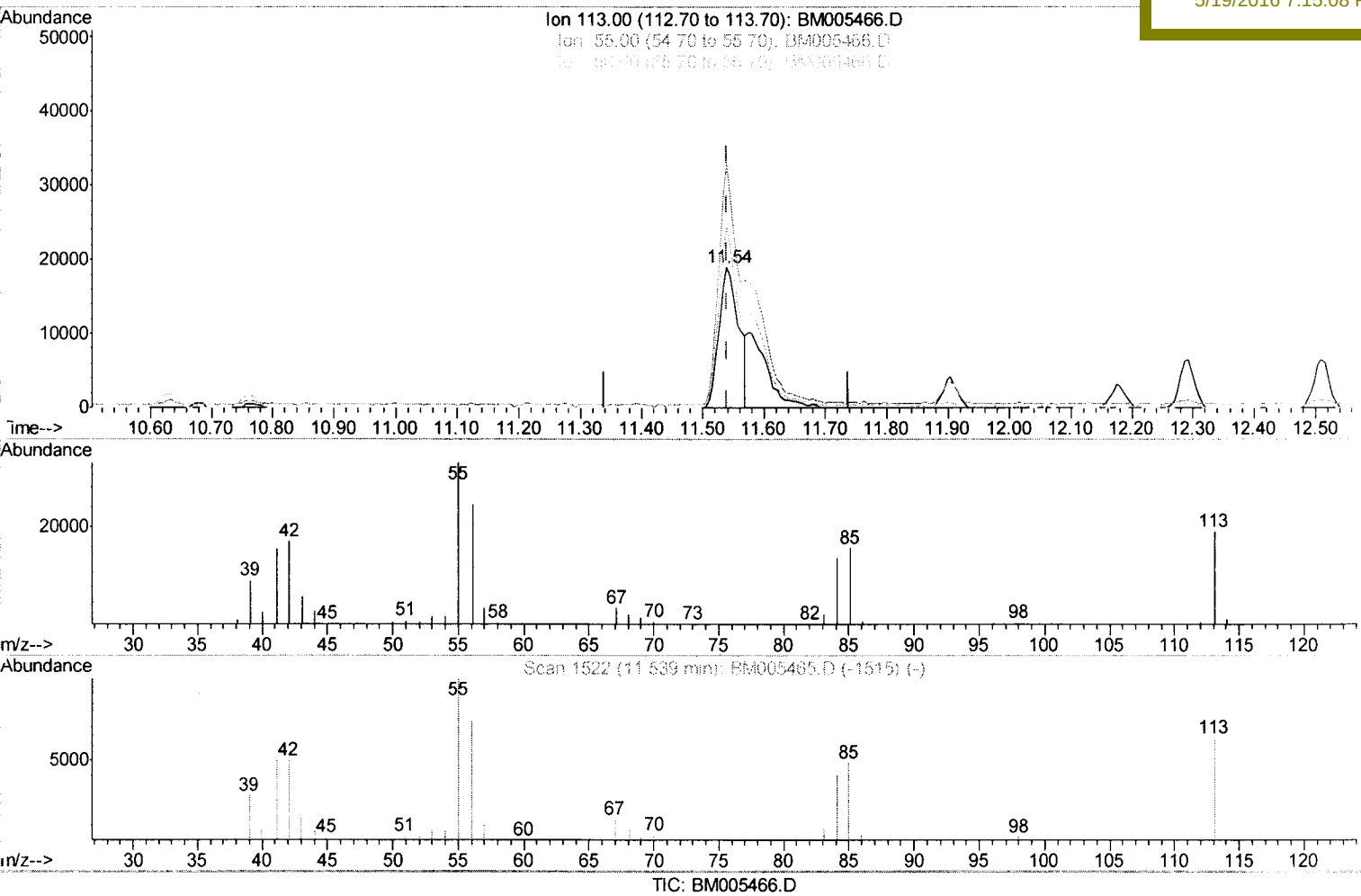

(32) Caprolactam

11.539min (+0.000) 29.05ng/ul

response 42518

Ion	Exp%	Act%
113.00	100	100
55.00	168.20	173.44
56.00	120.80	128.80
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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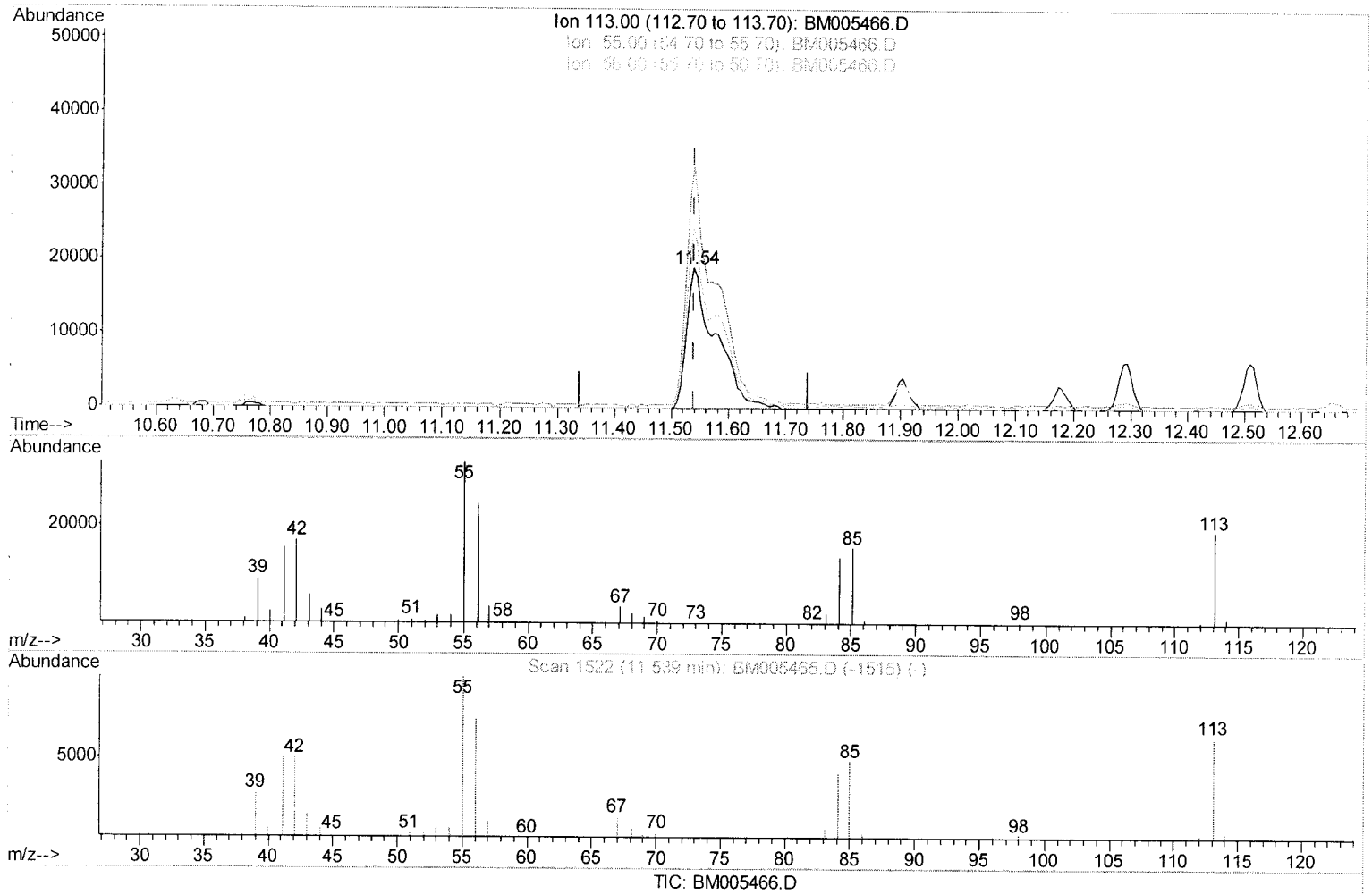

(32) Caprolactam

11.539min (+0.000) 45.53ng/ul m

response 66637

U.M 05/20/16

Ion	Exp%	Act%
113.00	100	100
55.00	168.20	173.44
56.00	120.80	128.80
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051816\
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Operator : UM/SJ
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Manual Integrations APPROVED
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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	7.84	152	47689	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	255325	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	172631	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	445042	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	611477	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	702565	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	18782	18.52	ng/uL	0.00
5) Phenol-d5	7.00	99	199691	46.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	107409	43.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	150790	46.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	169989	47.55	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	77894	42.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	86783	42.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	172958	45.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	225928	48.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	587782	42.48	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	707648	43.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	127858	50.62	ng/ul	0.00
57) Fluorene-d10	15.46	176	513907	43.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	104114	41.59	ng/ul	0.00
70) Anthracene-d10	17.31	188	853040	43.36	ng/ul	0.00
76) Pyrene-d10	19.60	212	1041670	36.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	1332137	42.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	22030	11.91	ng/uL	95
4) Benzaldehyde	6.98	77	112360	53.62	ng/ul	94
6) Phenol	7.02	94	211619	47.34	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.26	93	150717	44.78	ng/ul	96
10) 2-Chlorophenol	7.40	128	155670	46.59	ng/ul	99
11) 2-Methylphenol	8.27	108	161949	46.87	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.37	45	210703	46.15	ng/ul	99
14) Acetophenone	8.66	105	257082	48.54	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.65	70	136974	49.49	ng/ul	97
16) 4-Methylphenol	8.60	108	184155	48.03	ng/ul	98
17) Hexachloroethane	8.92	117	55136	43.85	ng/ul	99
20) Nitrobenzene	9.03	77	194825	42.69	ng/ul	96
21) Isophorone	9.56	82	396784	44.78	ng/ul	97
23) 2-Nitrophenol	9.75	139	97403	43.80	ng/ul	98
24) 2,4-Dimethylphenol	9.80	107	203636	43.17	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	231042	41.86	ng/ul	99
27) 2,4-Dichlorophenol	10.27	162	174995	44.54	ng/ul	98
28) Naphthalene	10.68	128	541435	42.15	ng/ul	99
30) 4-Chloroaniline	10.79	127	239760	50.92	ng/ul	98
31) Hexachlorobutadiene	10.97	225	96391	41.29	ng/ul	96
32) Caprolactam	11.54	113	66637m	45.53	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	211122	44.82	ng/ul	95
34) 2-Methylnaphthalene	12.29	142	422193	43.94	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	218324	41.57 ng/ul	99
37) Hexachlorocyclopentadiene	12.64	237	125289	46.70 ng/ul	94
38) 2,4,6-Trichlorophenol	12.89	196	154550	44.19 ng/ul	97
39) 2,4,5-Trichlorophenol	12.96	196	169610	43.71 ng/ul	98
40) 1,1'-Biphenyl	13.30	154	575592	42.09 ng/ul	100
41) 2-Chloronaphthalene	13.35	162	447091	43.24 ng/ul	97
42) 2-Nitroaniline	13.55	65	146070	45.89 ng/ul	96
44) Dimethylphthalate	13.93	163	597466	43.21 ng/ul	100
45) 2,6-Dinitrotoluene	14.04	165	123836	45.42 ng/ul	91
47) Acenaphthylene	14.19	152	731795	42.62 ng/ul	99
48) 3-Nitroaniline	14.37	138	138265	47.57 ng/ul	98
49) Acenaphthene	14.53	153	490713	43.37 ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	70547	44.97 ng/ul	90
52) 4-Nitrophenol	14.67	109	112814	53.72 ng/ul	96
53) Dibenzofuran	14.87	168	714946	43.55 ng/ul	100
54) 2,4-Dinitrotoluene	14.83	165	189374	46.58 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.09	232	161969	49.09 ng/ul#	97
56) Diethylphthalate	15.30	149	639696	45.80 ng/ul	100
58) Fluorene	15.52	166	585323	45.60 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.52	204	278917	43.85 ng/ul	98
60) 4-Nitroaniline	15.53	138	151088	49.04 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.59	198	115265	43.82 ng/ul#	92
64) N-Nitrosodiphenylamine	15.73	169	529883	43.48 ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	186487	43.71 ng/ul	93
66) Hexachlorobenzene	16.52	284	217565	45.46 ng/ul	94
67) Atrazine	16.67	200	207179	46.58 ng/ul	98
68) Pentachlorophenol	16.86	266	150392	56.56 ng/ul	96
69) Phenanthrene	17.25	178	1045067	44.66 ng/ul	100
71) Anthracene	17.34	178	1039787	44.57 ng/ul	99
72) Carbazole	17.61	167	996877	48.57 ng/ul	99
73) Di-n-butylphthalate	18.18	149	1193725	47.68 ng/ul	100
74) Fluoranthene	19.26	202	1314206	50.69 ng/ul	99
77) Pyrene	19.63	202	1377705	38.84 ng/ul	99
78) Butylbenzylphthalate	20.53	149	610083	41.43 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.30	252	521344	47.43 ng/ul	99
80) Benzo(a)anthracene	21.37	228	1484580	42.21 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.31	149	900086	44.00 ng/ul	99
82) Chrysene	21.42	228	1392059	41.72 ng/ul	99
84) Di-n-octyl phthalate	22.21	149	1682356	41.00 ng/ul	99
85) Benzo(b)fluoranthene	22.99	252	1668459	40.63 ng/ul	99
86) Benzo(k)fluoranthene	23.03	252	1648706	42.64 ng/ul	99
88) Benzo(a)pyrene	23.57	252	1669475	42.98 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.00	276	2186036	51.58 ng/ul	97
90) Dibenzo(a,h)anthracene	26.01	278	1790703	50.49 ng/ul	98
91) Benzo(g,h,i)perylene	26.70	276	1917805	53.43 ng/ul	97

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