Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

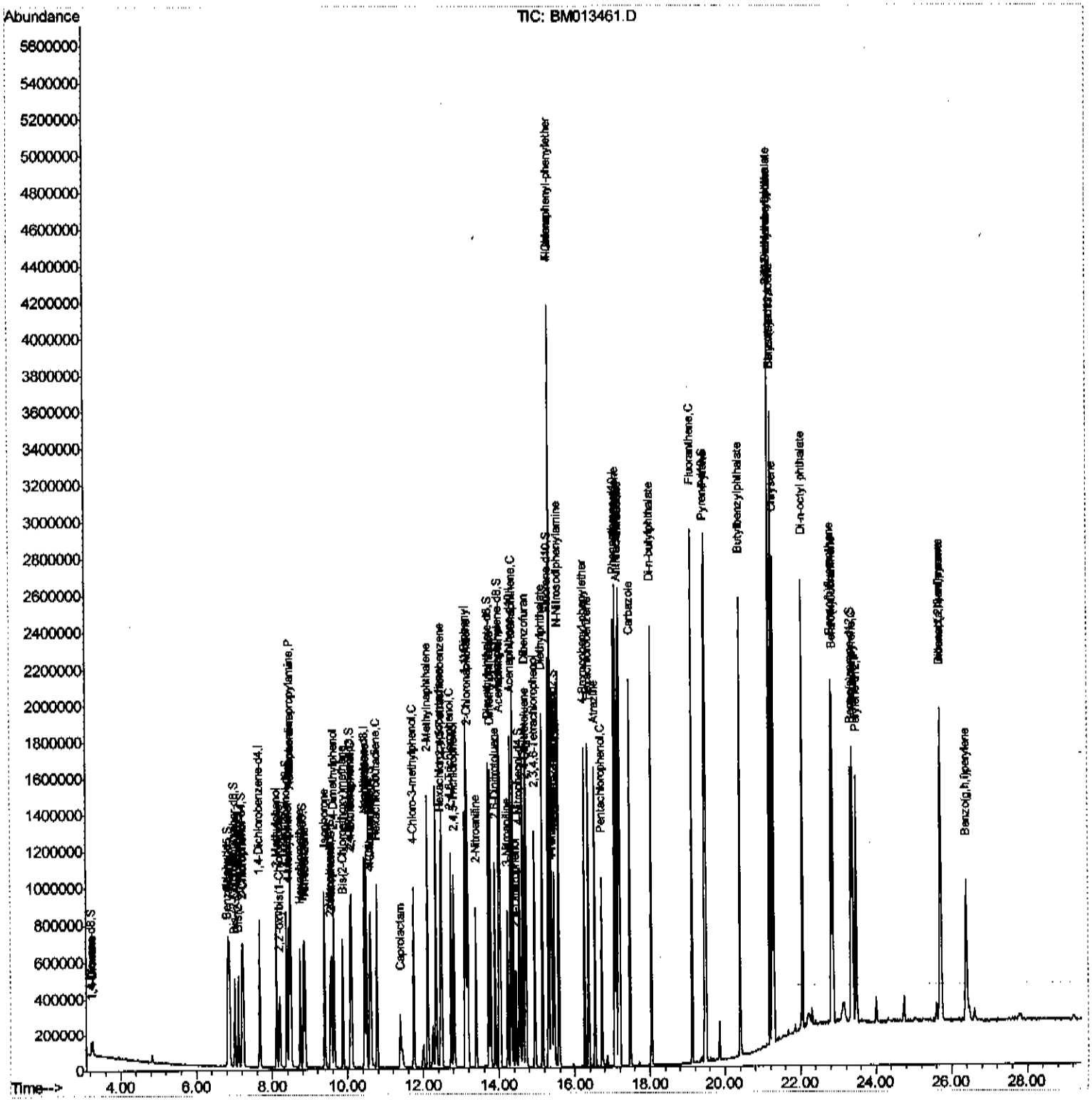
Quantitation Report (QT Reviewed)

Data File : BM013461.D
Acq On : 16 Dec 2017 04:40
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 16 05:44:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02042

Manual Integrations APPROVED
Sohil
12/18/2017 2:09:44 PM



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Quantitation Report (Qedit)

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Acq On : 16 Dec 2017 04:40
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
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Quant Time: Dec 16 05:39:24 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
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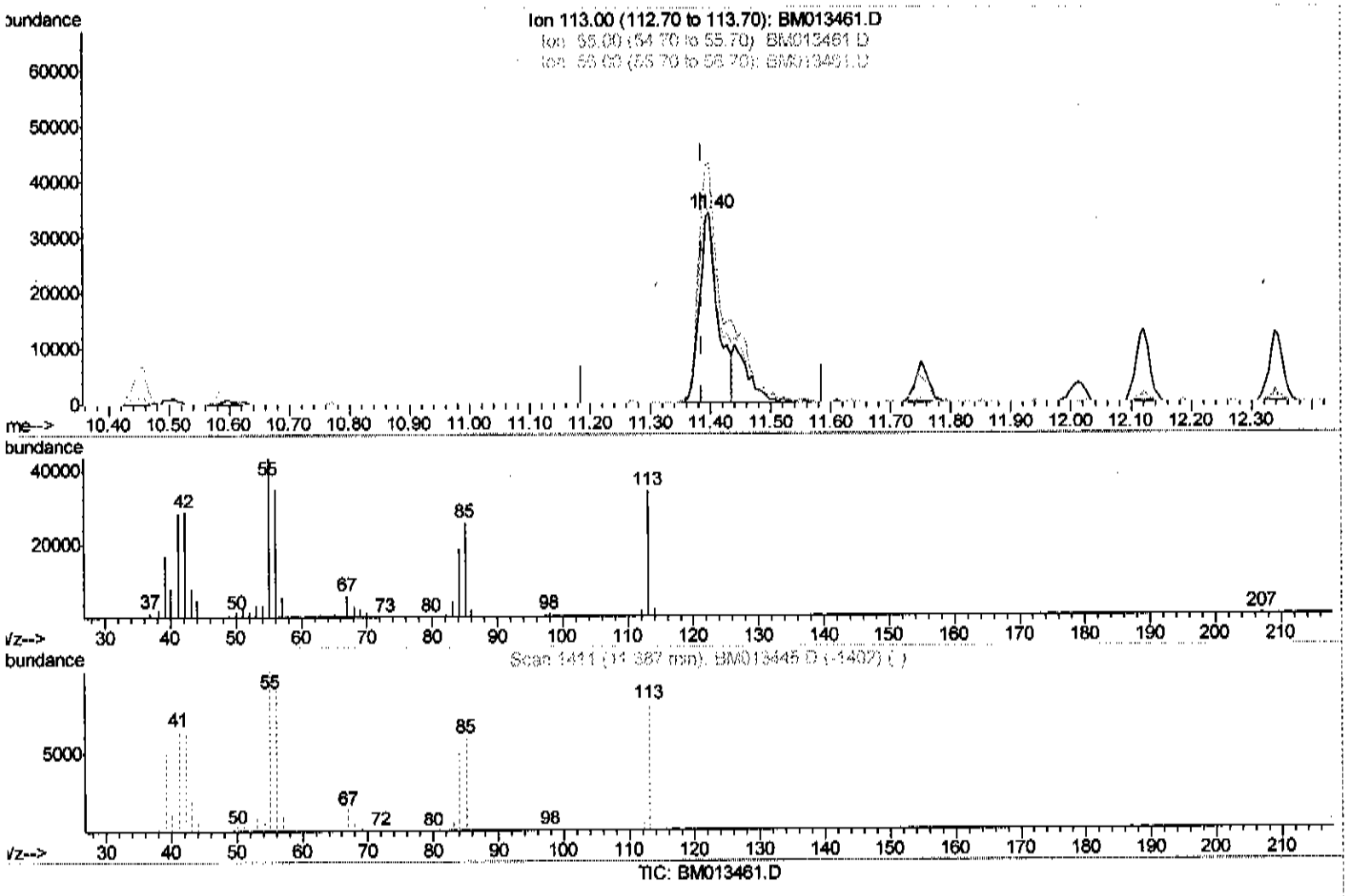

(32) Caprolactam

11.398min (+0.012) 15.43ng/ul

response 71681

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	126.63#
56.00	200.00	101.31#
0.00	0.00	0.00

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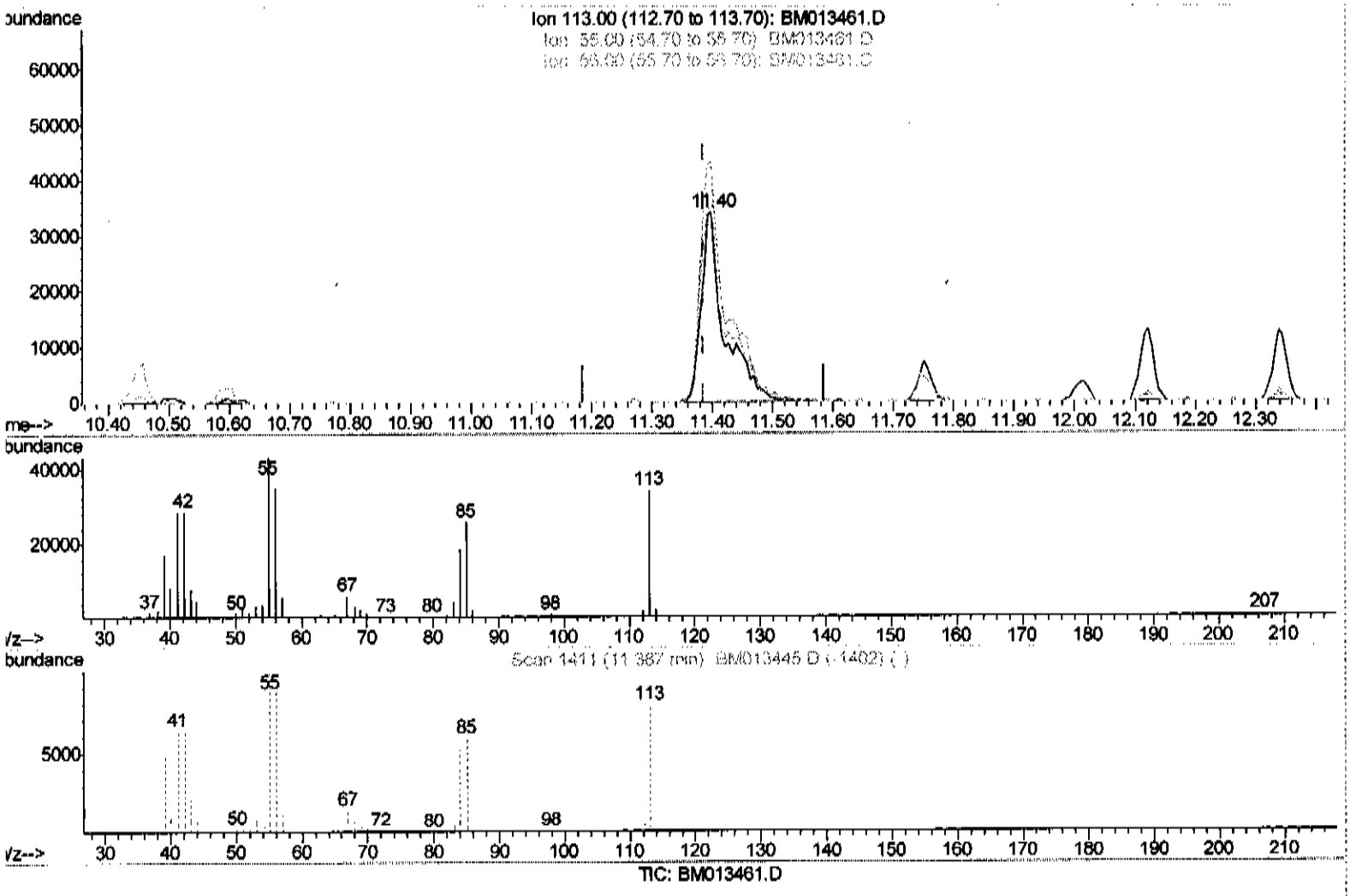

(32) Caprolactam

11.398min (+0.012) 19.56ng/ul m SJ 12/18/17

response 90909

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	126.63#
56.00	200.00	101.31#
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
12/18/2017 2:09:44 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	199608	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	899929	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	578448	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1370865	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1202385	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	935811	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	30327	7.53	ng/uL	0.00
5) Phenol-d5	6.85	99	331816	19.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	192618	19.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	265114	19.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	290548	19.69	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	142972	20.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	160988	21.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	314332	19.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	357543	24.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1008752	19.60	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1241087	19.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	155737	17.41	ng/ul	0.00
57) Fluorene-d10	15.32	176	873333	19.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	155720	18.06	ng/ul	0.00
70) Anthracene-d10	17.17	188	1366254	19.90	ng/ul	0.00
76) Pyrene-d10	19.46	212	1403573	23.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	944748	19.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	34833	7.70	ng/uL#	63
4) Benzaldehyde	6.83	77	178880	20.93	ng/ul	89
6) Phenol	6.88	94	330628	19.37	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.11	93	256640	19.66	ng/ul	95
10) 2-Chlorophenol	7.24	128	261837	19.79	ng/ul	98
11) 2-Methylphenol	8.12	108	256724	19.44	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.20	45	280221	20.44	ng/ul#	85
14) Acetophenone	8.49	105	441693	19.69	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.48	70	221773	19.62	ng/ul#	75
16) 4-Methylphenol	8.45	108	279603	19.80	ng/ul	94
17) Hexachloroethane	8.74	117	112121	19.46	ng/ul	83
20) Nitrobenzene	8.87	77	347994	19.36	ng/ul	96
21) Isophorone	9.39	82	630383	19.93	ng/ul	95
23) 2-Nitrophenol	9.57	139	160135	20.22	ng/ul#	84
24) 2,4-Dimethylphenol	9.64	107	337350	19.53	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.87	93	366618	19.80	ng/ul	95
27) 2,4-Dichlorophenol	10.10	162	291428	20.04	ng/ul	93
28) Naphthalene	10.50	128	917074	19.81	ng/ul	99
30) 4-Chloroaniline	10.62	127	343776	24.55	ng/ul	93
31) Hexachlorobutadiene	10.78	225	203183	19.29	ng/ul	95
32) Caprolactam	11.40	113	90909m	19.56	ng/ul	-
33) 4-Chloro-3-methylphenol	11.75	107	307834	19.30	ng/ul	91
34) 2-Methylnaphthalene	12.12	142	695824	19.99	ng/ul	97

SJ 12/18/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	407417	19.52	ng/ul	98
37) Hexachlorocyclopentadiene	12.47	237	298043	21.69	ng/ul	99
38) 2,4,6-Trichlorophenol	12.74	196	263471	20.25	ng/ul	94
39) 2,4,5-Trichlorophenol	12.82	196	277277	20.06	ng/ul	98
40) 1,1'-Biphenyl	13.15	154	942266	19.27	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	753377	19.64	ng/ul	97
42) 2-Nitroaniline	13.40	65	221583	19.72	ng/ul	96
44) Dimethylphthalate	13.78	163	964206	19.58	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	199923	19.91	ng/ul#	97
47) Acenaphthylene	14.04	152	1165545	19.83	ng/ul	99
48) 3-Nitroaniline	14.23	138	187324	20.87	ng/ul#	96
49) Acenaphthene	14.38	153	788093	19.68	ng/ul	98
50) 2,4-Dinitrophenol	14.44	184	102113	18.38	ng/ul	94
52) 4-Nitrophenol	14.55	109	151849	17.31	ng/ul	87
53) Dibenzofuran	14.72	168	1156834	19.57	ng/ul	100
54) 2,4-Dinitrotoluene	14.70	165	289970	19.85	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.95	232	257922	20.35	ng/ul	95
56) Diethylphthalate	15.15	149	986174	19.97	ng/ul	94
58) Fluorene	15.37	166	953164	19.49	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.37	204	522245	19.68	ng/ul	99
60) 4-Nitroaniline	15.40	138	206750	19.52	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.46	198	154228	17.90	ng/ul	92
64) N-Nitrosodiphenylamine	15.59	169	815827	20.20	ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	329551	20.45	ng/ul	99
66) Hexachlorobenzene	16.37	284	352504	19.84	ng/ul#	93
67) Atrazine	16.54	200	309788	20.78	ng/ul	92
68) Pentachlorophenol	16.72	266	175568	17.08	ng/ul	99
69) Phenanthrene	17.11	178	1531898	19.67	ng/ul	99
71) Anthracene	17.20	178	1570132	19.72	ng/ul	98
72) Carbazole	17.47	167	1281673	18.72	ng/ul	98
73) Di-n-butylphthalate	18.04	149	1628732	20.38	ng/ul	98
74) Fluoranthene	19.13	202	1730165	18.13	ng/ul#	90
77) Pyrene	19.49	202	1699111	23.26	ng/ul#	91
78) Butylbenzylphthalate	20.40	149	693753	24.31	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.18	252	412758	16.33	ng/ul#	96
80) Benzo(a)anthracene	21.24	228	1502118	19.69	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.18	149	983599	22.86	ng/ul#	97
82) Chrysene	21.30	228	1383991	19.55	ng/ul	98
84) Di-n-octyl phthalate	22.06	149	1542280	23.18	ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	1206983	19.13	ng/ul#	97
86) Benzo(k)fluoranthene	22.86	252	1197785	20.18	ng/ul#	97
88) Benzo(a)pyrene	23.39	252	1095327	19.33	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	1188293	21.13	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.71	278	1011681	21.13	ng/ul#	96
91) Benzo(g,h,i)perylene	26.39	276	946067	21.33	ng/ul#	95

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