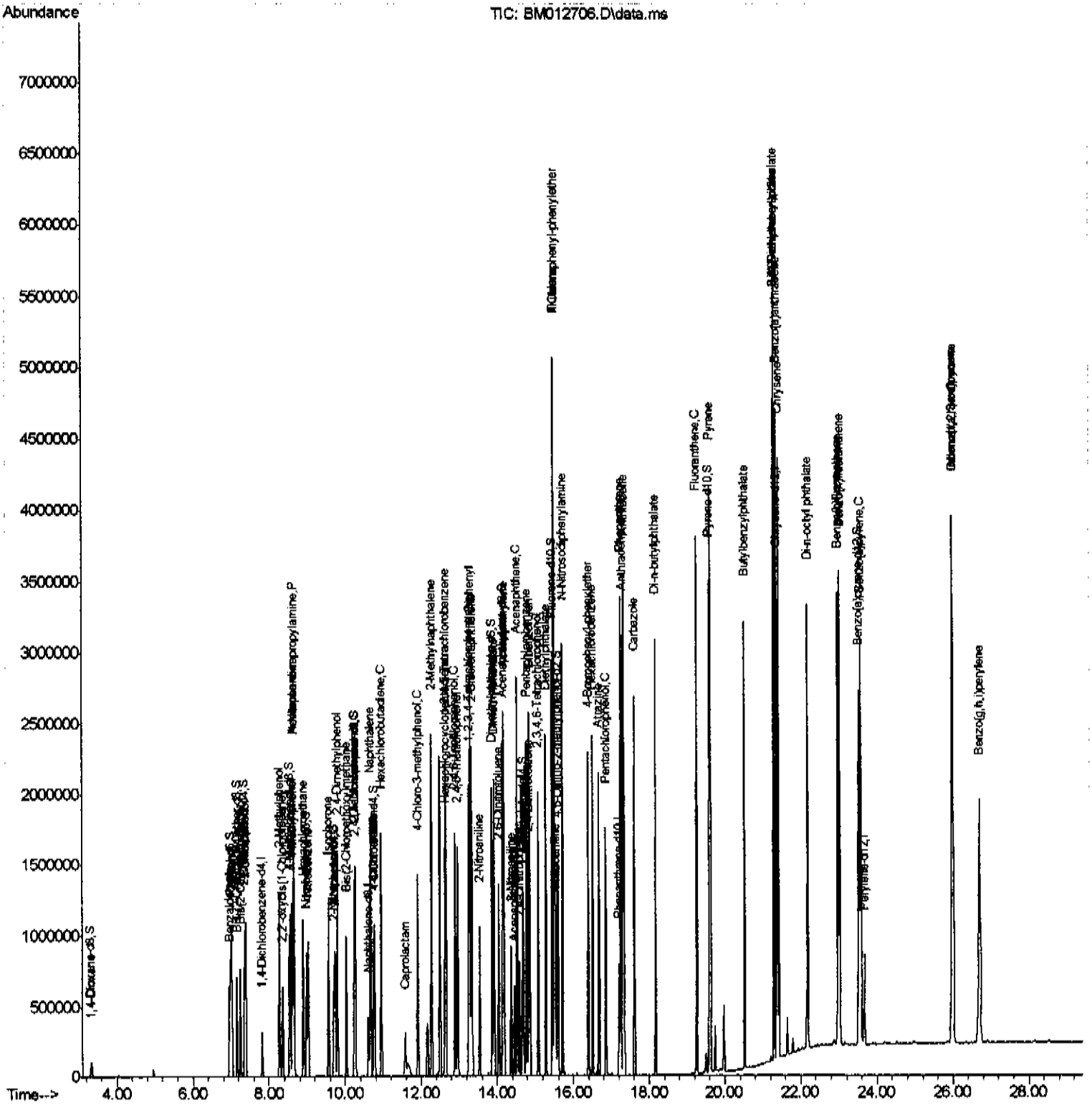
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM110417\
Data File : BM012706.D
Acq On : 04 Nov 2017 14:18
Operator : SJ/JU
Sample : SSTD08091
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 04 14:50:29 2017
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 14:24:18 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08091

Manual Integrations APPROVED
Sohil
11/6/2017 4:23:37 PM



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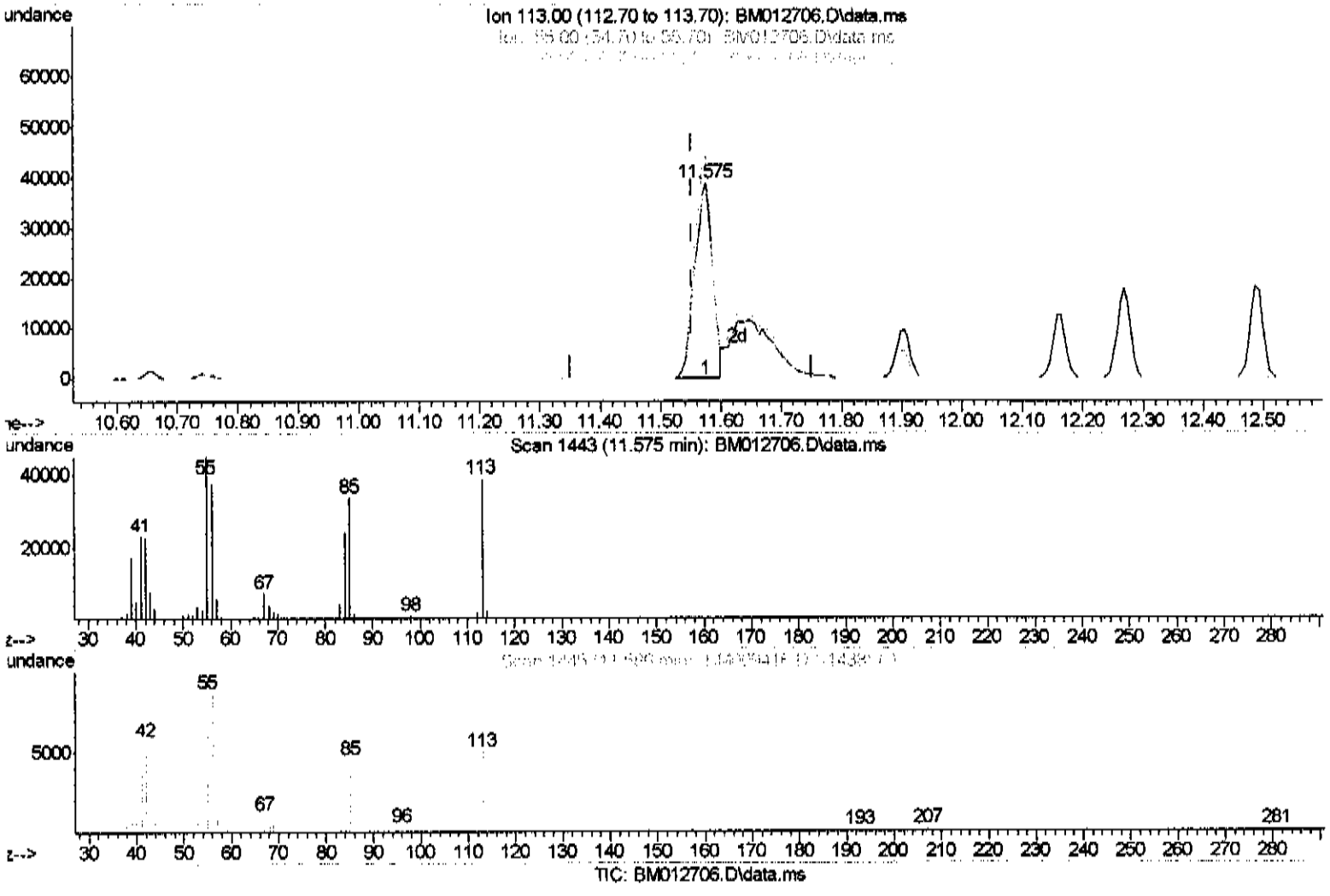

(32) Caprolactam

11.575min (+0.023) 46.41ng/ul

response 79750

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	115.66
56.00	101.50	96.69
0.00	0.00	0.00

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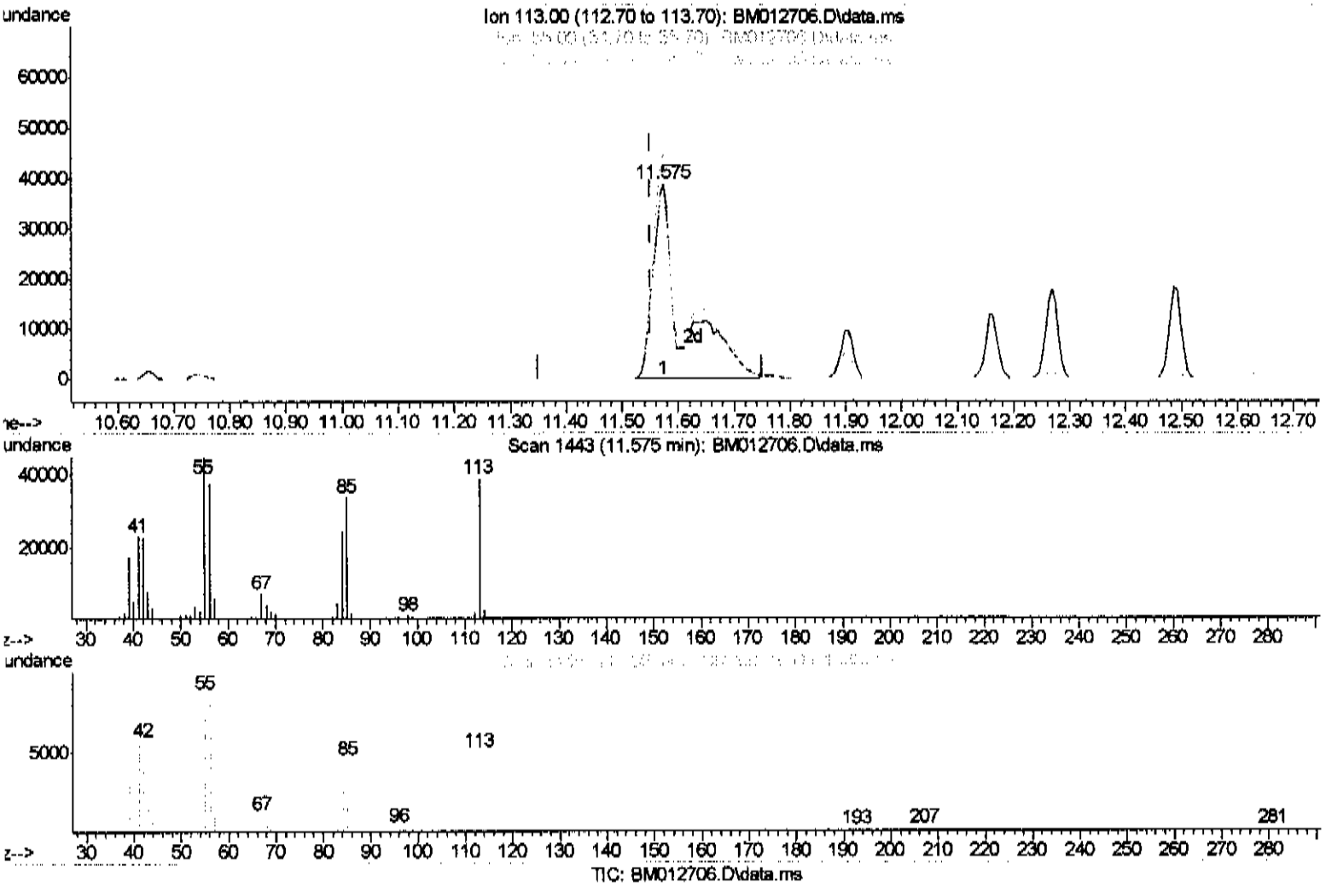

(32) Caprolactam

11.575min (+0.023) 80.90ng/ul m SJ 11/06/17

response 139024

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	115.66
56.00	101.50	96.69
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.810	152	89822	20.00	ng/ul	0.00
18) Naphthalene-d8	10.604	136	354580	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.451	164	214544	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.198	188	462431	20.00	ng/ul	0.00
77) Chrysene-d12	21.374	240	480403	20.00	ng/ul	0.00
85) Perylene-d12	23.656	264	484949	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	52082	22.10	ng/uL	0.00
5) Phenol-d5	6.992	99	557114	68.61	ng/ul	0.01
7) Bis-(2-Chloroethyl)eth...	7.151	67	291735	50.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.351	132	467015	85.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.534	113	479149	79.02	ng/ul	0.01
19) Nitrobenzene-d5	8.975	128	225106	86.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.692	143	264938	93.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.233	165	526199	94.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.745	131	462524	72.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.863	166	1408625	93.36	ng/ul	0.00
46) Acenaphthylene-d8	14.145	160	1814854	95.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.668	143	231966	83.39	ng/ul	0.01
57) Fluorene-d10	15.445	176	1205319	87.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylph...	15.580	200	270635	92.60	ng/ul	0.01
70) Anthracene-d10	17.298	188	1815678	82.33	ng/ul	0.00
78) Pyrene-d10	19.586	212	1895745	93.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.515	264	1900835	85.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	54426	20.67	ng/uL	98
4) Benzaldehyde	6.957	77	216751	38.10	ng/ul	98
6) Phenol	7.022	94	568221	65.39	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.245	93	418697	61.85	ng/ul	99
10) 2-Chlorophenol	7.387	128	479835	82.46	ng/ul	100
11) 2-Methylphenol	8.257	108	433646	72.13	ng/ul	99
12) 2,2'-oxybis(1-Chloropr...	8.351	45	346523	31.55	ng/ul#	92
14) Acetophenone	8.639	105	709226	68.59	ng/ul	96
15) N-Nitroso-di-n-propyla...	8.639	70	349364	58.55	ng/ul	96
16) 4-Methylphenol	8.598	108	471645	72.23	ng/ul	98
17) Hexachloroethane	8.892	117	191718	68.28	ng/ul#	70
20) Nitrobenzene	9.016	77	505527	57.53	ng/ul	98
21) Isophorone	9.551	82	930499	63.68	ng/ul	97
23) 2-Nitrophenol	9.728	139	283201	94.73	ng/ul	100
24) 2,4-Dimethylphenol	9.786	107	547372	74.14	ng/ul	97
25) Bis(2-Chloroethoxy)met...	10.022	93	567787	67.05	ng/ul	99
27) 2,4-Dichlorophenol	10.257	162	502971	90.19	ng/ul	99
28) Naphthalene	10.657	128	1445096	80.52	ng/ul	100
30) 4-Chloroaniline	10.769	127	466516	69.11	ng/ul	98
31) Hexachlorobutadiene	10.939	225	387722	88.76	ng/ul	98
32) Caprolactam	11.575	113	139024m	>80.90	ng/ul	>
33) 4-Chloro-3-methylphenol	11.904	107	491194	78.44	ng/ul	96
34) 2-Methylnaphthalene	12.269	142	1110196	85.80	ng/ul	99

SJ 11/06/17

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36) 1,2,4,5-Tetrachloroben...	12.639	216	685433	95.09	ng/ul#	98
37) Hexachlorocyclopentadiene	12.616	237	400820	88.64	ng/ul	97
38) 2,4,6-Trichlorophenol	12.880	196	448467	106.25	ng/ul	100
39) 2,4,5-Trichlorophenol	12.957	196	459237	100.85	ng/ul	100
40) 1,1'-Biphenyl	13.286	154	1450199	91.48	ng/ul	98
41) 2-Chloronaphthalene	13.327	162	1143697	92.74	ng/ul	94
42) 2-Nitroaniline	13.533	65	284787	62.65	ng/ul	94
44) Dimethylphthalate	13.916	163	1398105	92.88	ng/ul	99
45) 2,6-Dinitrotoluene	14.033	165	304751	104.76	ng/ul	98
47) Acenaphthylene	14.174	152	1737420	92.15	ng/ul	100
48) 3-Nitroaniline	14.363	138	236255	78.76	ng/ul	98
49) Acenaphthene	14.515	153	1170460	88.39	ng/ul	97
50) 2,4-Dinitrophenol	14.574	184	198851	99.49	ng/ul	93
52) 4-Nitrophenol	14.686	109	201233	61.72	ng/ul	96
53) Dibenzofuran	14.851	168	1680317	87.56	ng/ul	94
54) 2,4-Dinitrotoluene	14.827	165	426581	98.10	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.080	232	420357	102.43	ng/ul#	86
56) Diethylphthalate	15.280	149	1337191	86.61	ng/ul	97
58) Fluorene	15.504	166	1388912	88.74	ng/ul	100
59) 4-Chlorophenyl-phenyle...	15.498	204	768746	92.11	ng/ul#	86
60) 4-Nitroaniline	15.533	138	273101	85.72	ng/ul	97
63) 4,6-Dinitro-2-methylph...	15.592	198	281565	89.58	ng/ul	95
64) N-Nitrosodiphenylamine	15.710	169	1177058	84.36	ng/ul	99
65) 4-Bromophenyl-phenylether	16.386	248	509866	98.42	ng/ul#	86
66) Hexachlorobenzene	16.509	284	562996	96.46	ng/ul#	83
67) Atrazine	16.668	200	450157	84.59	ng/ul	96
68) Pentachlorophenol	16.851	266	333135	94.27	ng/ul	100
69) Phenanthrene	17.239	178	2072440	79.61	ng/ul	99
71) Anthracene	17.333	178	2149926	80.66	ng/ul	99
72) 1,2,3,4-Tetrachloroben...	13.251	216	671700	98.80	ng/uL	99
73) Pentachlorobenzene	14.774	250	663570	98.71	ng/uL	99
74) Carbazole	17.604	167	1758239	73.18	ng/ul	98
75) Di-n-butylphthalate	18.162	149	2126612	82.00	ng/ul	100
76) Fluoranthene	19.250	202	2380778	75.66	ng/ul#	94
79) Pyrene	19.615	202	2427160	91.97	ng/ul#	93
80) Butylbenzylphthalate	20.509	149	905734	94.05	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.292	252	856334	92.90	ng/ul#	97
82) Benzo(a)anthracene	21.362	228	2384034	87.28	ng/ul	99
83) Bis(2-ethylhexyl)phtha...	21.286	149	1326795	93.90	ng/ul#	96
84) Chrysene	21.415	228	2148760	83.01	ng/ul	99
86) Di-n-octyl phthalate	22.180	149	2194242	77.96	ng/ul	97
87) Benzo(b)fluoranthene	22.974	252	2487757	84.94	ng/ul#	96
88) Benzo(k)fluoranthene	23.021	252	2281432	81.77	ng/ul#	96
90) Benzo(a)pyrene	23.568	252	2313505	82.85	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.985	276	2862932	90.04	ng/ul#	90
92) Dibenzo(a,h)anthracene	25.991	278	2413292	88.59	ng/ul#	93
93) Benzo(g,h,i)perylene	26.697	276	2347323	88.62	ng/ul#	89

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