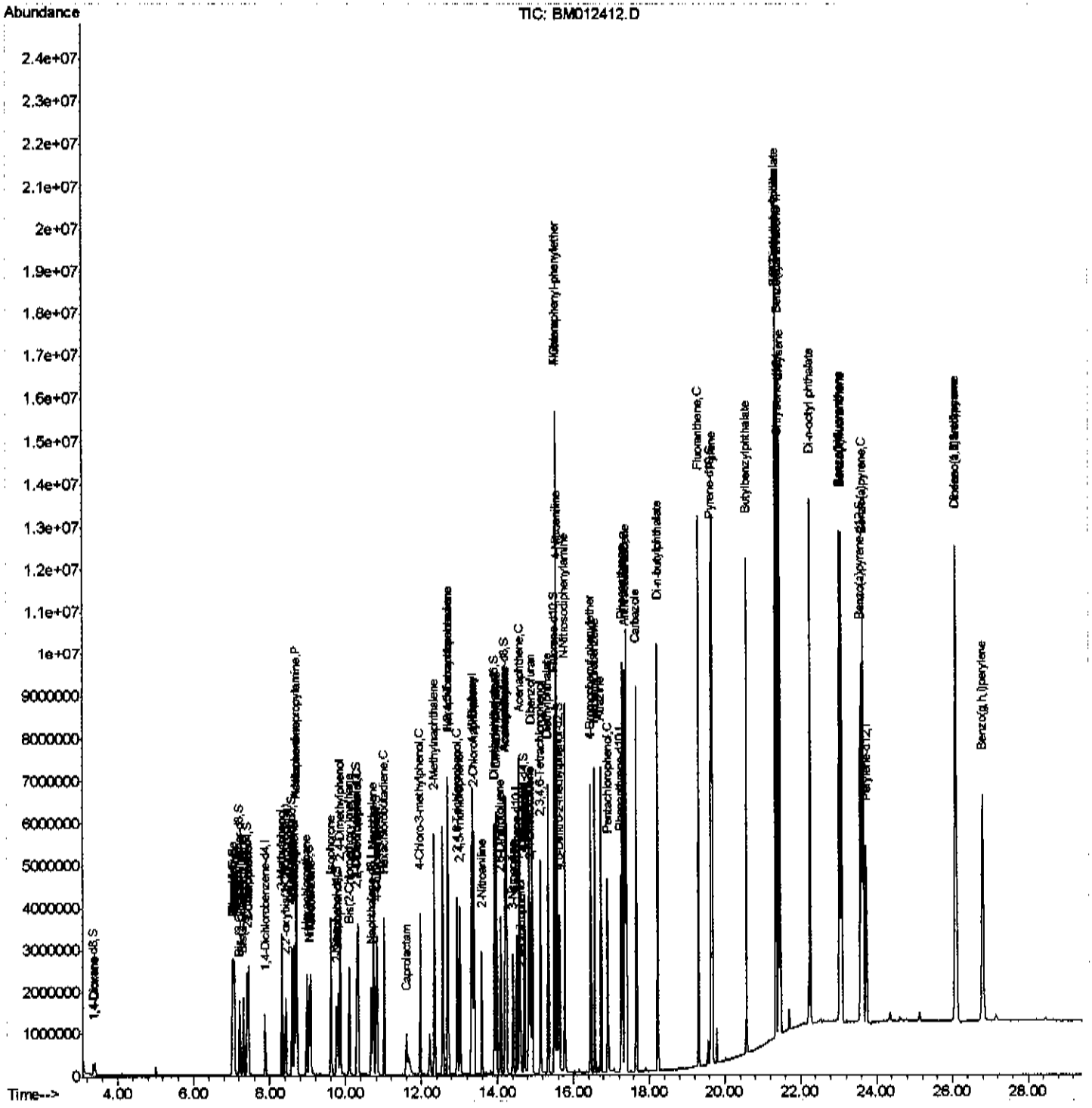
Instrument :
BNA_M
ClientSampleId :
SSTD04052

Manual Integrations APPROVED
Sohil
10/25/2017 3:35:37 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102417\
Data File : BM012412.D
Acq On : 24 Oct 2017 11:31
Operator : SJ/JU
Sample : SSTD04052
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 13:50:37 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 24 13:35:32 2017
Response via : Initial Calibration



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Quantitation Report (Qedit)

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Sample : SSTD04052
Misc :
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Quant Time: Oct 24 13:47:37 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 24 13:35:32 2017
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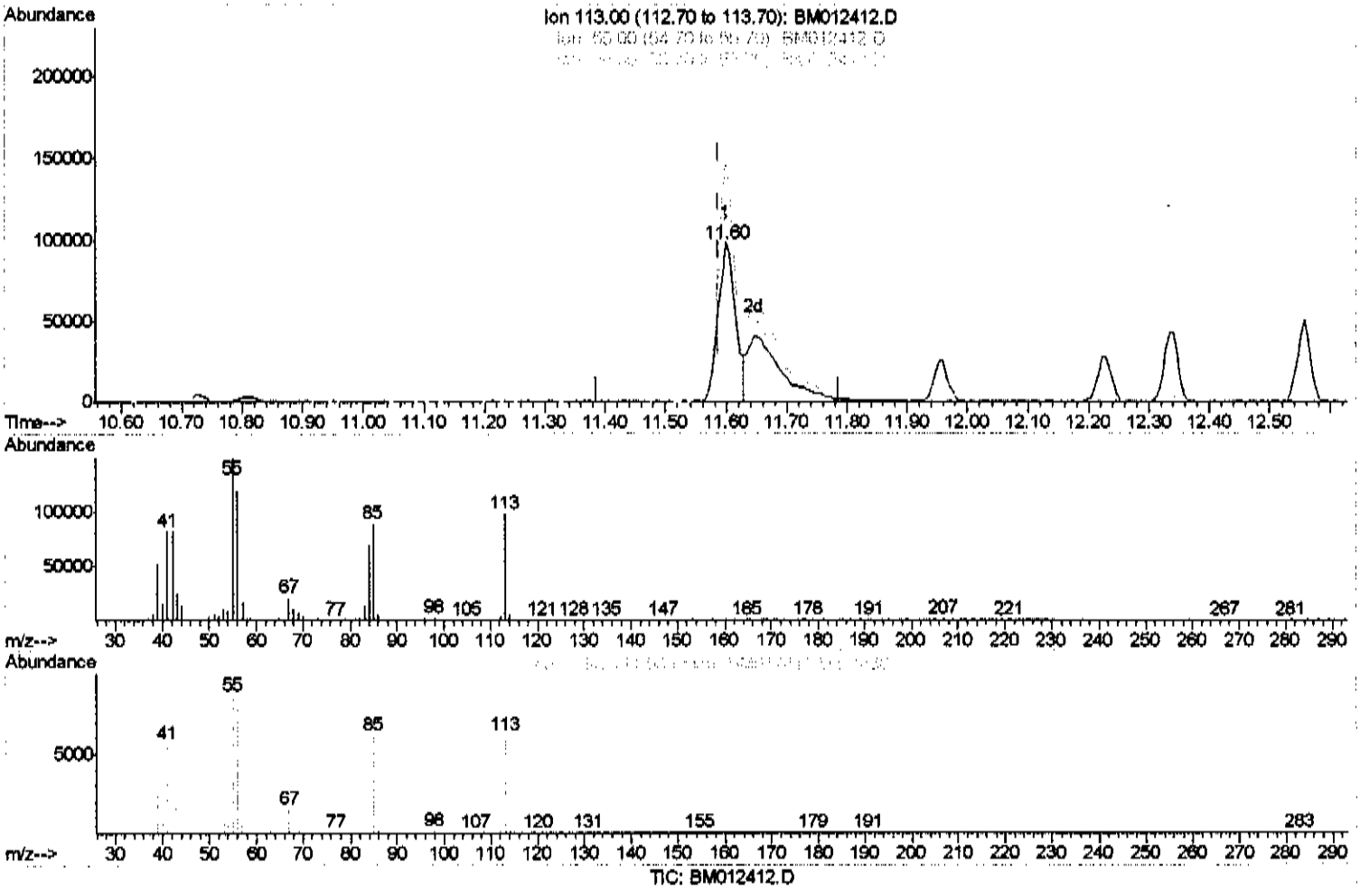

(32) Caprolactam

11.598min (+0.012) 23.80ng/ul

response 199177

Ion	Exp%	Act%
113.00	100	100
55.00	134.60	150.71
56.00	121.40	120.82
0.00	0.00	0.00

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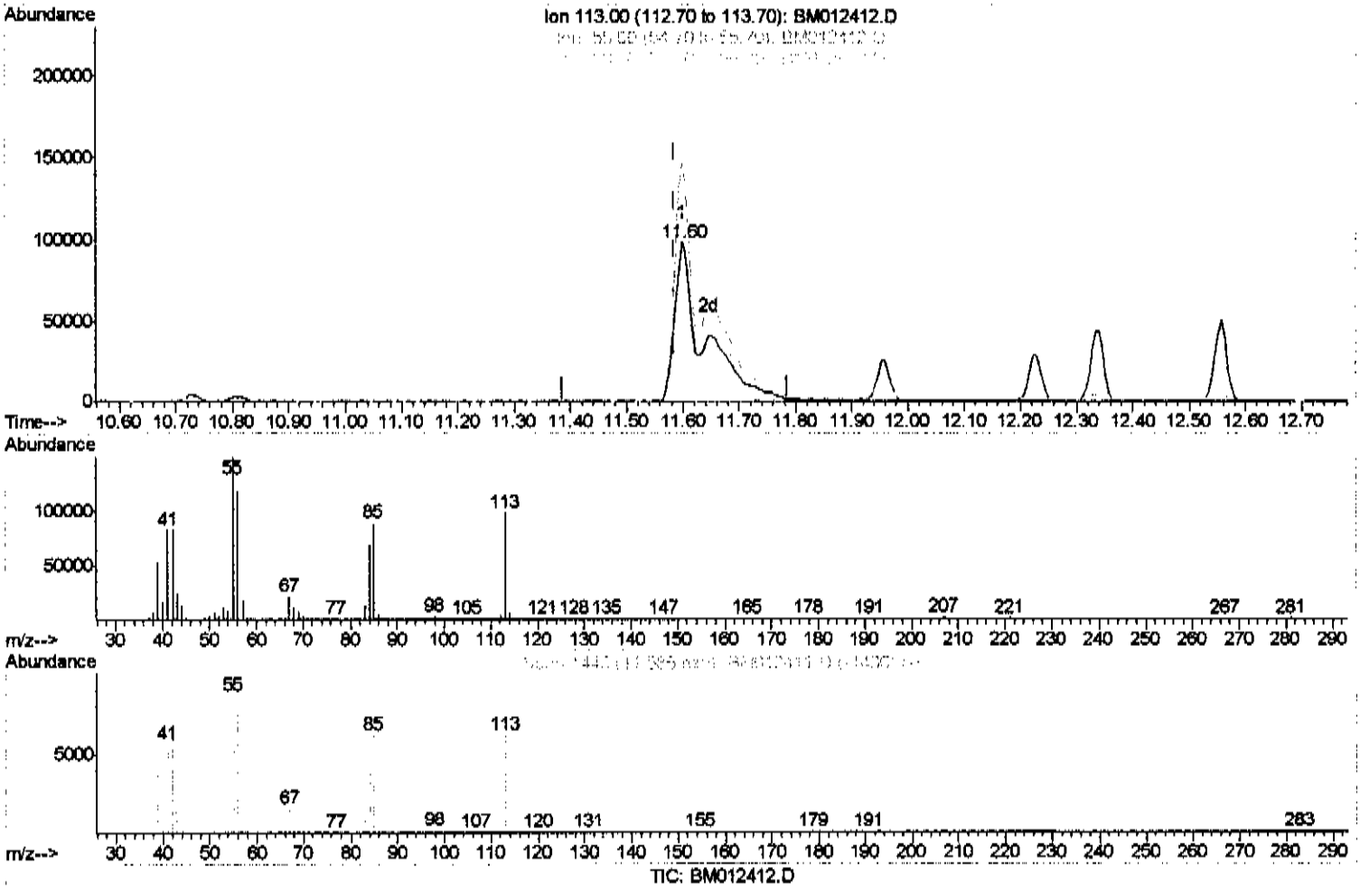

(32) Caprolactam

11.598min (+0.012) 42.89ng/ul m

JU 10/26/17

response 358963

Ion	Exp%	Act%
113.00	100	100
55.00	134.60	150.71
56.00	121.40	120.82
0.00	0.00	0.00

Instrument :
BNA_M
ClientSampleId :
SSTD04052

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	368221	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1580668	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1070676	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	2704456	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	3211584	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	3272985	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	117934	15.22	ng/uL	0.00
5) Phenol-d5	7.05	99	1236695	41.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	733082	40.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	961091	37.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	1068793	41.55	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	427460	35.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	453444	32.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	1140812	42.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	1274712	50.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	3839801	40.58	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	4578263	39.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	574681	40.39	ng/ul	0.00
57) Fluorene-d10	15.50	176	3227849	41.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	522495	28.15	ng/ul	0.00
70) Anthracene-d10	17.35	188	5227009	39.09	ng/ul	0.00
76) Pyrene-d10	19.64	212	6167393	37.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	6490104	41.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	121767	15.401	ng/uL	94
4) Benzaldehyde	7.02	77	779951	39.068	ng/ul	92
6) Phenol	7.08	94	1275035	41.284	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.31	93	953694	40.520	ng/ul	95
10) 2-Chlorophenol	7.45	128	973483	37.639	ng/ul	93
11) 2-Methylphenol	8.32	108	973798	41.922	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.42	45	1052351	35.213	ng/ul	99
14) Acetophenone	8.70	105	1654103	42.313	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.70	70	911794	43.520	ng/ul	97
16) 4-Methylphenol	8.65	108	1061609	41.473	ng/ul	99
17) Hexachloroethane	8.96	117	408472	37.428	ng/ul	90
20) Nitrobenzene	9.08	77	1247791	41.634	ng/ul	94
21) Isophorone	9.61	82	2483272	44.350	ng/ul	95
23) 2-Nitrophenol	9.79	139	512932	33.936	ng/ul	95
24) 2,4-Dimethylphenol	9.85	107	1315168	43.175	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.09	93	1386047	42.217	ng/ul	97
27) 2,4-Dichlorophenol	10.32	162	1103037	41.611	ng/ul	95
28) Naphthalene	10.73	128	3192954	39.043	ng/ul	98
30) 4-Chloroaniline	10.83	127	1281258	51.734	ng/ul	97
31) Hexachlorobutadiene	11.02	225	828775	42.184	ng/ul	98
32) Caprolactam	11.60	113	358963m	42.894	ng/ul	95
33) 4-Chloro-3-methylphenol	11.96	107	1232140	44.365	ng/ul	95
34) 2-Methylnaphthalene	12.34	142	2588187	41.939	ng/ul	97

34 60 | 25 | 17

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	1567885	40.340 ng/ul	98
37) Hexachlorocyclopentadiene	12.69	237	1001505	57.815 ng/ul	99
38) 2,4,6-Trichlorophenol	12.95	196	988859	38.373 ng/ul	99
39) 2,4,5-Trichlorophenol	13.01	196	1035066	39.030 ng/ul	99
40) 1,1'-Biphenyl	13.35	154	3490095	38.624 ng/ul	99
41) 2-Chloronaphthalene	13.39	162	2741993	38.673 ng/ul	98
42) 2-Nitroaniline	13.59	65	739663	37.493 ng/ul	88
44) Dimethylphthalate	13.97	163	3791248	39.989 ng/ul	99
45) 2,6-Dinitrotoluene	14.09	165	680790	36.177 ng/ul	90
47) Acenaphthylene	14.23	152	4330634	38.501 ng/ul	98
48) 3-Nitroaniline	14.41	138	592148	40.444 ng/ul#	81
49) Acenaphthene	14.57	153	2968379	39.179 ng/ul	99
50) 2,4-Dinitrophenol	14.62	184	324967	30.410 ng/ul	92
52) 4-Nitrophenol	14.72	109	583295	45.623 ng/ul	97
53) Dibenzofuran	14.91	168	4341972	39.800 ng/ul	99
54) 2,4-Dinitrotoluene	14.87	165	1033118	37.879 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.13	232	965411	39.779 ng/ul	94
56) Diethylphthalate	15.34	149	3880278	37.864 ng/ul	99
58) Fluorene	15.56	166	3706725	40.911 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.56	204	2016521	42.367 ng/ul	99
60) 4-Nitroaniline	15.57	138	694635	38.424 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.63	198	583986	29.804 ng/ul#	98
64) N-Nitrosodiphenylamine	15.77	169	3224506	38.092 ng/ul	100
65) 4-Bromophenyl-phenylether	16.45	248	1336898	41.296 ng/ul	98
66) Hexachlorobenzene	16.56	284	1466648	39.990 ng/ul	97
67) Atrazine	16.72	200	1408560	39.795 ng/ul	99
68) Pentachlorophenol	16.90	266	794235	38.829 ng/ul	98
69) Phenanthrene	17.30	178	5965441	38.775 ng/ul	99
71) Anthracene	17.39	178	6187540	38.848 ng/ul	99
72) Carbazole	17.65	167	5365065	39.801 ng/ul	99
73) Di-n-butylphthalate	18.23	149	6739244	36.010 ng/ul	99
74) Fluoranthene	19.30	202	7649459	41.200 ng/ul	97
77) Pyrene	19.67	202	7780883	36.685 ng/ul	98
78) Butylbenzylphthalate	20.57	149	3137534	33.231 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.34	252	3040700	47.573 ng/ul	100
80) Benzo(a)anthracene	21.40	228	8104726	38.783 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.35	149	4691022	33.112 ng/ul	98
82) Chrysene	21.46	228	7247284	36.938 ng/ul	99
84) Di-n-octyl phthalate	22.25	149	7869029	32.885 ng/ul	98
85) Benzo(b)fluoranthene	23.03	252	8553277	40.045 ng/ul	99
86) Benzo(k)fluoranthene	23.08	252	8110481	39.403 ng/ul	99
88) Benzo(a)pyrene	23.63	252	8062340	40.049 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.08	276	9167684	42.884 ng/ul	98
90) Dibenzo(a,h)anthracene	26.10	278	7771811	43.246 ng/ul	99
91) Benzo(g,h,i)perylene	26.80	276	7324608	41.833 ng/ul	100

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