Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005565.D
Acq On : 22 May 2016 00:00
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 22 05:32:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 22 05:09:34 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02060

Manual Integrations APPROVED
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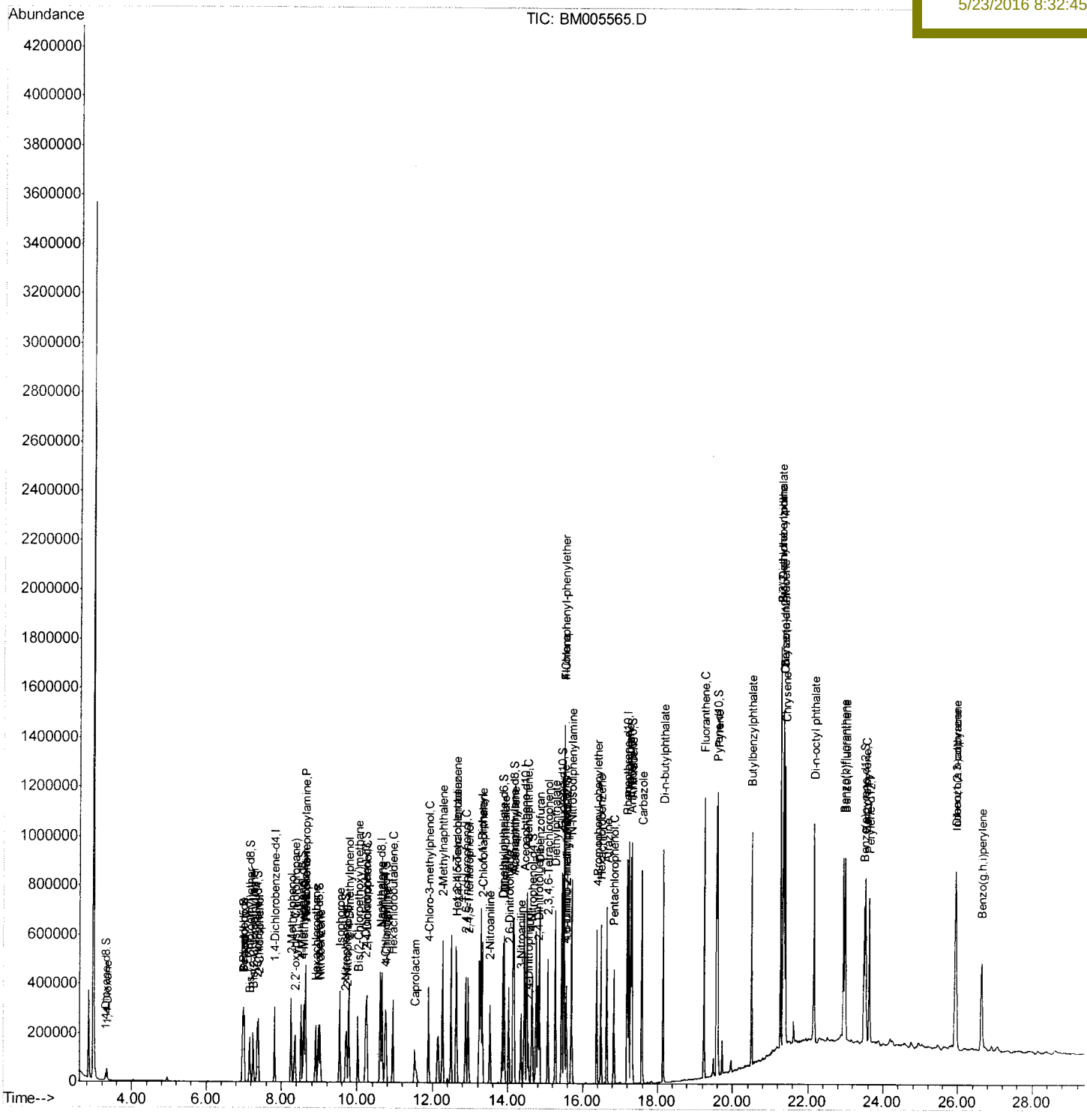
5/23/2016 8:32:45 PM



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Quant Time: May 22 05:10:42 2016
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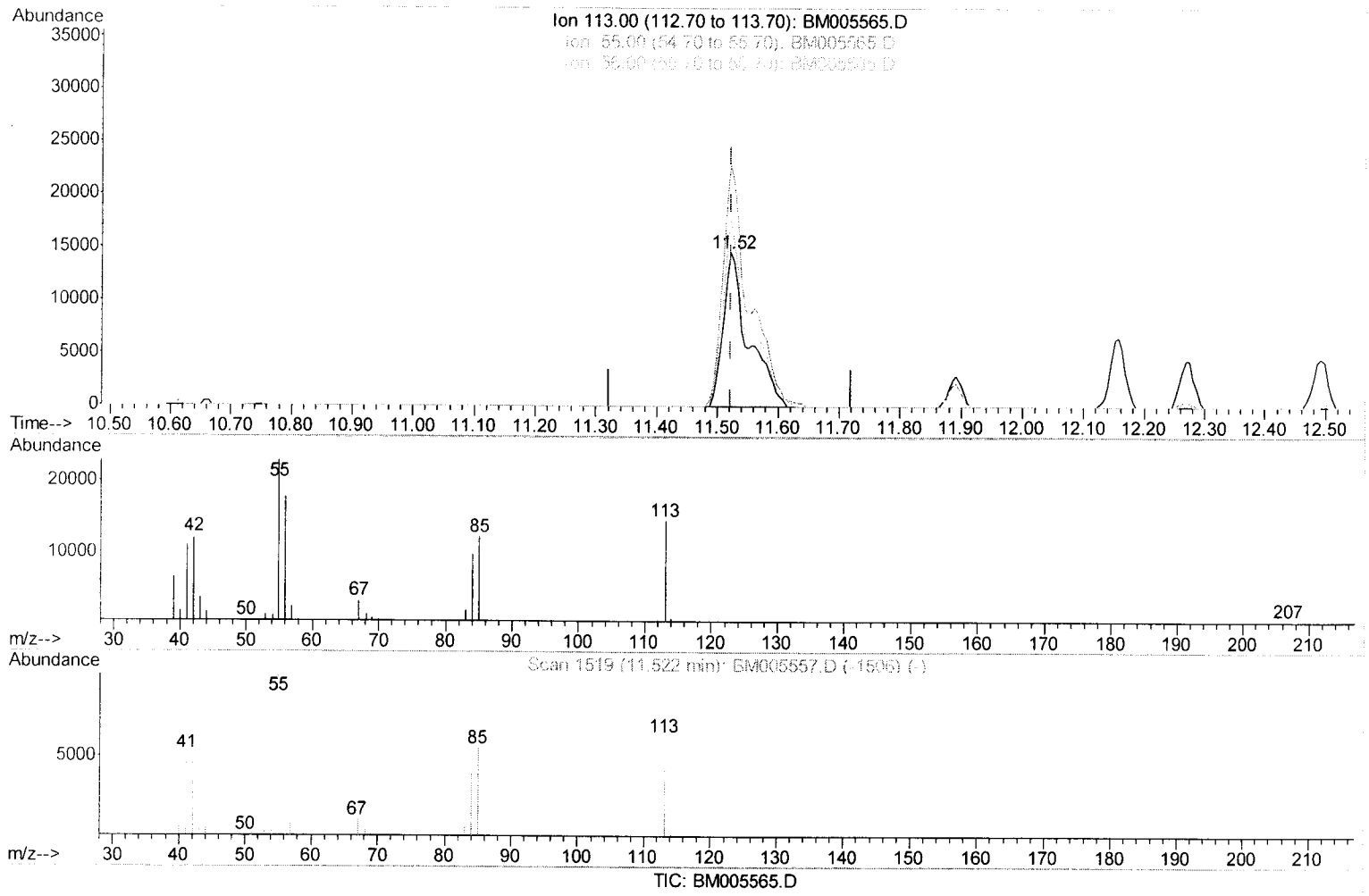

TIC: BM005565.D

(32) Caprolactam

11.522min (+0.000) 21.40ng/ul m

U.M. 05/24/16

response 42399

Ion	Exp%	Act%
113.00	100	100
55.00	155.80	157.19
56.00	119.00	121.95
0.00	0.00	0.00

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umangi
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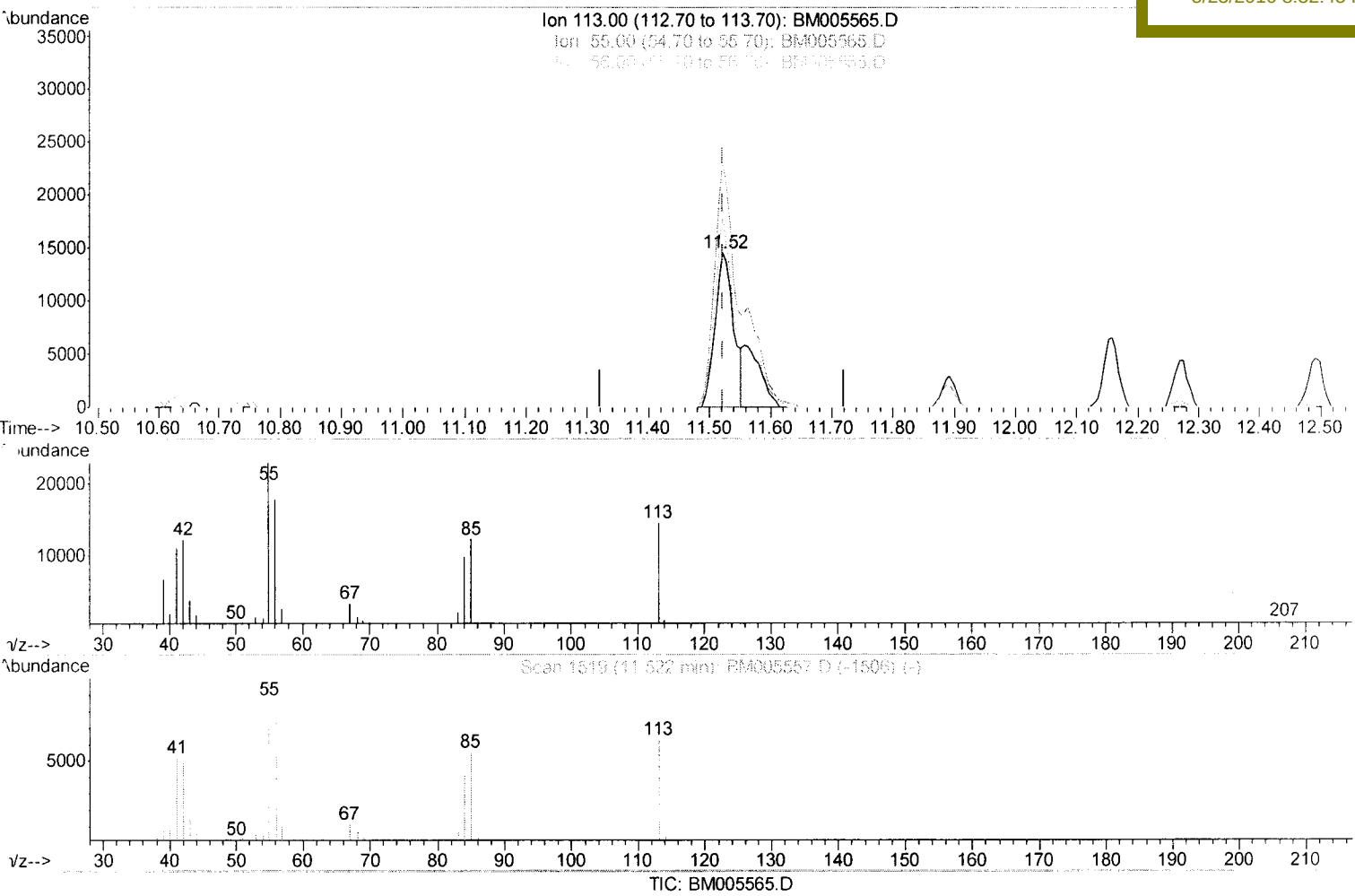

(32) Caprolactam

11.522min (+0.000) 15.46ng/ul

response 30632

Ion	Exp%	Act%
113.00	100	100
55.00	155.80	157.19
56.00	119.00	121.95
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	82178	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	379866	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	234455	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	545816	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	522234	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	450822	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	14122	7.53	ng/uL	0.00
5) Phenol-d5	6.98	99	141018	20.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	81480	20.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	113510	20.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	117780	21.34	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	57723	19.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	62696	19.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	121016	20.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	128022	21.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	389524	20.35	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	470672	19.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	68709	18.98	ng/ul	0.00
57) Fluorene-d10	15.44	176	334174	20.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	57016	18.16	ng/ul	0.00
70) Anthracene-d10	17.29	188	511685	19.68	ng/ul	0.00
76) Pyrene-d10	19.58	212	545943	23.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	414826	19.71	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	23767	7.18	ng/uL	98
4) Benzaldehyde	6.96	77	63241	14.47	ng/ul	97
6) Phenol	7.01	94	143563	20.69	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.25	93	110355	21.05	ng/ul	99
10) 2-Chlorophenol	7.39	128	114260	20.26	ng/ul	99
11) 2-Methylphenol	8.26	108	112904	21.47	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.36	45	146843	20.98	ng/ul	99
14) Acetophenone	8.64	105	181526	21.84	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.63	70	95265	21.71	ng/ul	97
16) 4-Methylphenol	8.59	108	123564	21.64	ng/ul	98
17) Hexachloroethane	8.90	117	44746	19.83	ng/ul	98
20) Nitrobenzene	9.02	77	134262	19.08	ng/ul	99
21) Isophorone	9.54	82	267637	20.34	ng/ul	98
23) 2-Nitrophenol	9.73	139	66772	19.42	ng/ul	91
24) 2,4-Dimethylphenol	9.79	107	141738	19.95	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.02	93	156869	20.24	ng/ul	98
27) 2,4-Dichlorophenol	10.26	162	118367	19.94	ng/ul	98
28) Naphthalene	10.66	128	374445	19.62	ng/ul	100
30) 4-Chloroaniline	10.77	127	129499	20.96	ng/ul	99
31) Hexachlorobutadiene	10.95	225	74234	18.71	ng/ul	98
32) Caprolactam	11.52	113	42399m	21.40	ng/ul	
33) 4-Chloro-3-methylphenol	11.89	107	136933	21.06	ng/ul	98
34) 2-Methylnaphthalene	12.27	142	282987	20.27	ng/ul	99

U.M. 05/24/16

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	151708	18.94	ng/ul	100
37) Hexachlorocyclopentadiene	12.62	237	84434	16.78	ng/ul	96
38) 2,4,6-Trichlorophenol	12.88	196	102399	19.62	ng/ul	96
39) 2,4,5-Trichlorophenol	12.95	196	112873	19.64	ng/ul	97
40) 1,1'-Biphenyl	13.29	154	381423	19.38	ng/ul	100
41) 2-Chloronaphthalene	13.33	162	288624	19.03	ng/ul	99
42) 2-Nitroaniline	13.53	65	87809	19.24	ng/ul	97
44) Dimethylphthalate	13.91	163	379808	20.08	ng/ul	100
45) 2,6-Dinitrotoluene	14.03	165	77432	20.25	ng/ul	98
47) Acenaphthylene	14.17	152	478326	19.68	ng/ul	100
48) 3-Nitroaniline	14.36	138	70591	19.93	ng/ul	98
49) Acenaphthene	14.52	153	316278	19.73	ng/ul	100
50) 2,4-Dinitrophenol	14.56	184	35212	16.45	ng/ul	95
52) 4-Nitrophenol	14.66	109	63458	17.45	ng/ul	95
53) Dibenzofuran	14.85	168	452018	19.75	ng/ul	99
54) 2,4-Dinitrotoluene	14.81	165	114547	20.53	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.07	232	99672	19.84	ng/ul	96
56) Diethylphthalate	15.27	149	398770	20.68	ng/ul	100
58) Fluorene	15.50	166	366483	20.01	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	180065	19.67	ng/ul	99
60) 4-Nitroaniline	15.52	138	77825	18.01	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.57	198	59994	18.19	ng/ul#	93
64) N-Nitrosodiphenylamine	15.71	169	328289	19.82	ng/ul	100
65) 4-Bromophenyl-phenylether	16.39	248	119191	19.60	ng/ul	97
66) Hexachlorobenzene	16.50	284	133095	19.21	ng/ul	99
67) Atrazine	16.66	200	128976	20.81	ng/ul	99
68) Pentachlorophenol	16.84	266	77973	18.75	ng/ul	98
69) Phenanthrene	17.23	178	595198	19.51	ng/ul	99
71) Anthracene	17.33	178	610282	19.63	ng/ul	99
72) Carbazole	17.59	167	555830	20.60	ng/ul	99
73) Di-n-butylphthalate	18.16	149	695186	21.23	ng/ul	100
74) Fluoranthene	19.24	202	680552	19.82	ng/ul	98
77) Pyrene	19.61	202	684589	22.80	ng/ul	100
78) Butylbenzylphthalate	20.50	149	292640	23.13	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.29	252	157782	16.67	ng/ul	99
80) Benzo(a)anthracene	21.35	228	600826	19.57	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.28	149	385479	21.57	ng/ul	99
82) Chrysene	21.40	228	568886	19.48	ng/ul	100
84) Di-n-octyl phthalate	22.17	149	619700	23.97	ng/ul	99
85) Benzo(b)fluoranthene	22.96	252	529994	19.93	ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	521411	20.72	ng/ul	98
88) Benzo(a)pyrene	23.54	252	507134	19.66	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	559578	18.26	ng/ul	99
90) Dibenzo(a,h)anthracene	25.96	278	468225	18.35	ng/ul	99
91) Benzo(g,h,i)perylene	26.64	276	474661	18.43	ng/ul	98

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