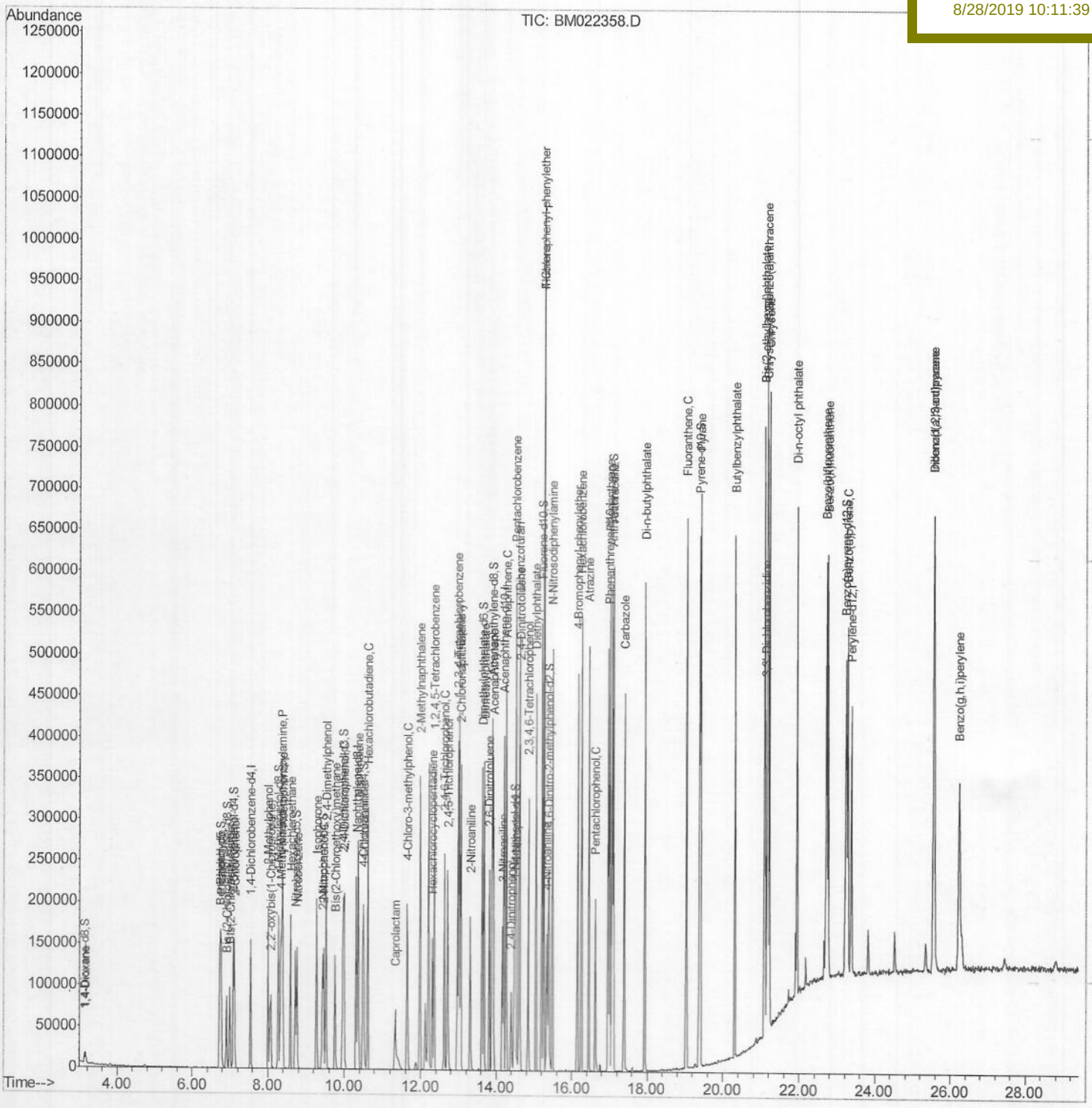
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022358.D
Acq On : 27 Aug 2019 08:53
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 27 13:30:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 12:44:18 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02057

Manual Integrations APPROVED
mohammad
8/28/2019 10:11:39 AM



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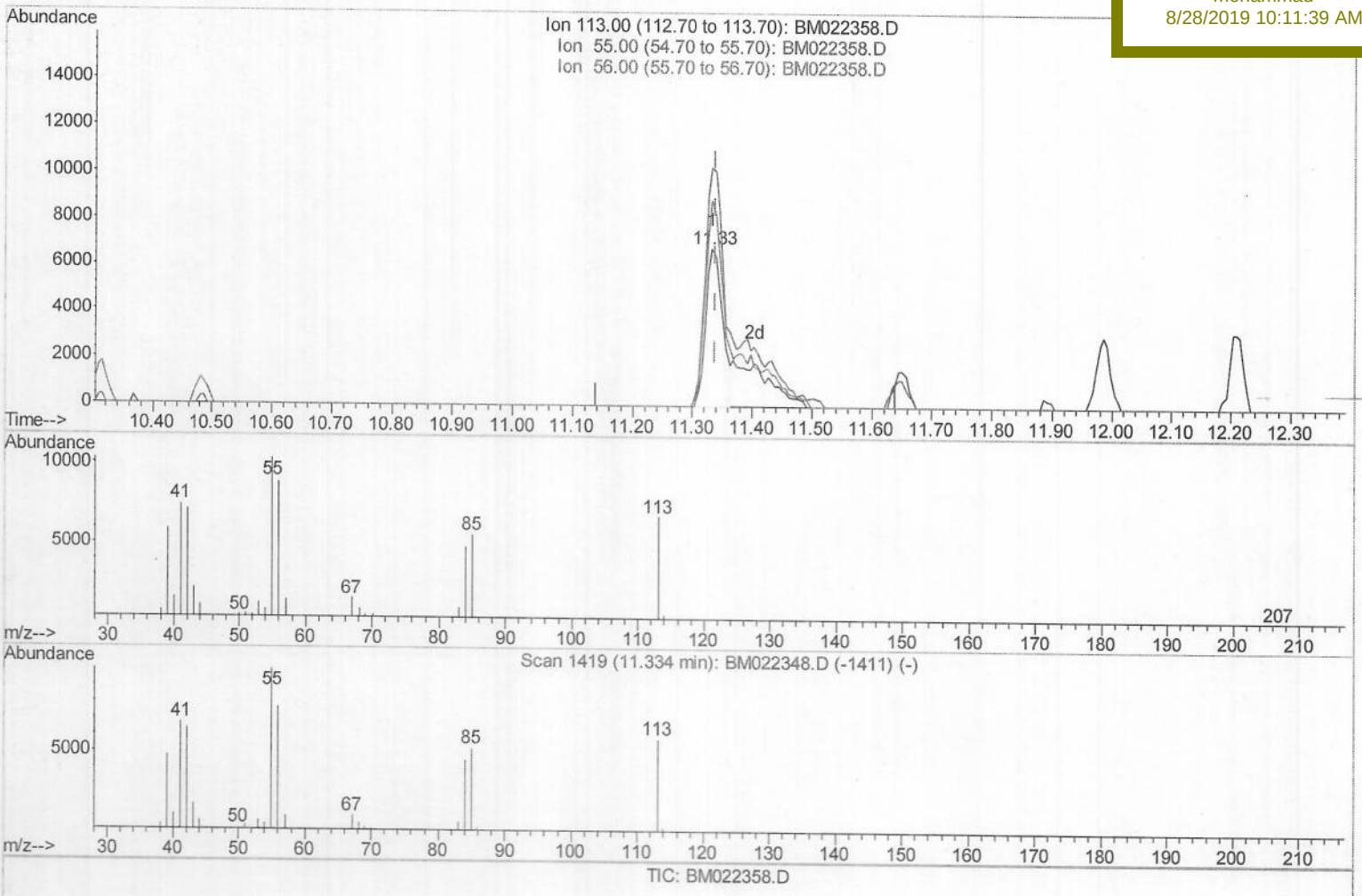

TIC: BM022358.D

(32) Caprolactam

11.333min (-0.006) 14.77ng/ul

response 13161

Ion	Exp%	Act%
113.00	100	100
55.00	139.50	151.47
56.00	130.80	130.69
0.00	0.00	0.00

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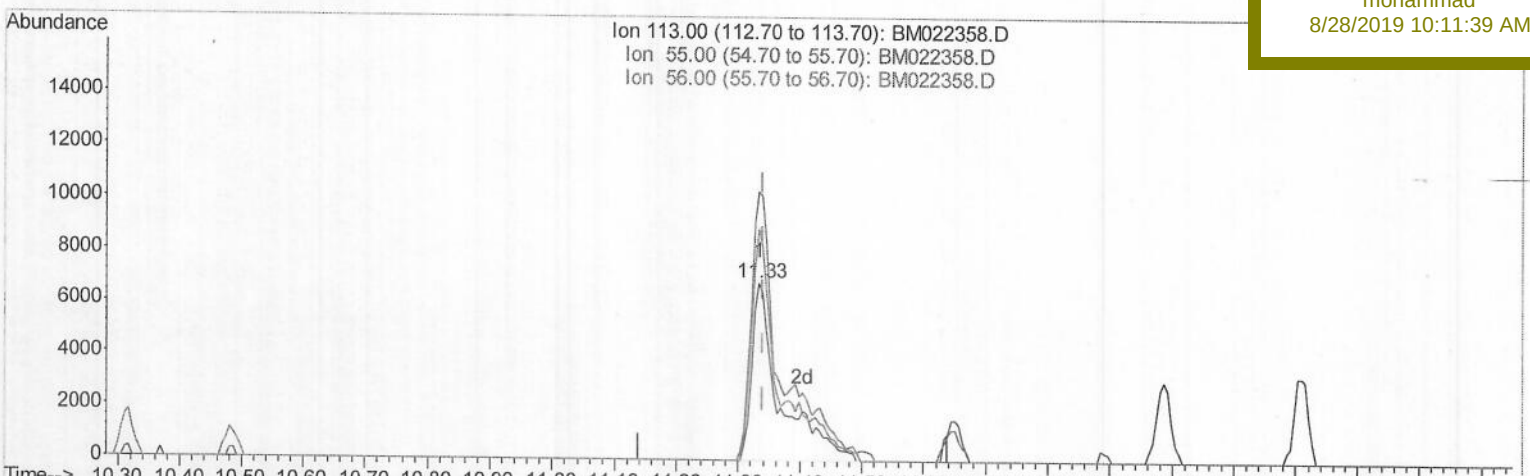

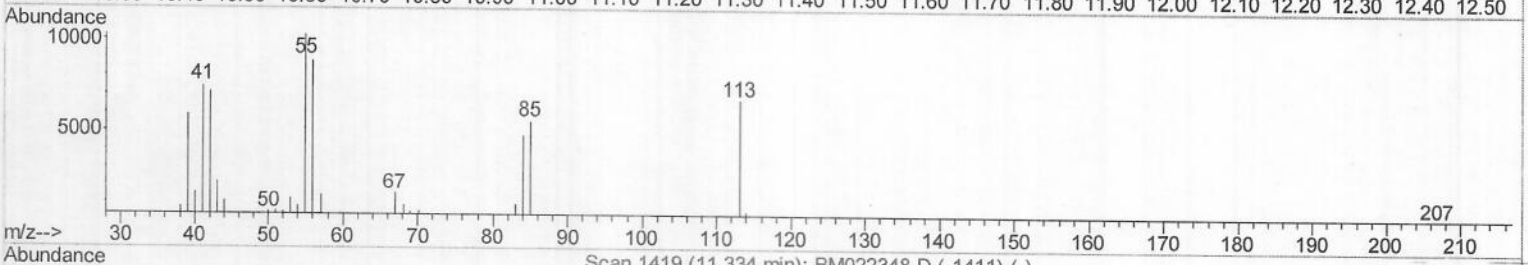

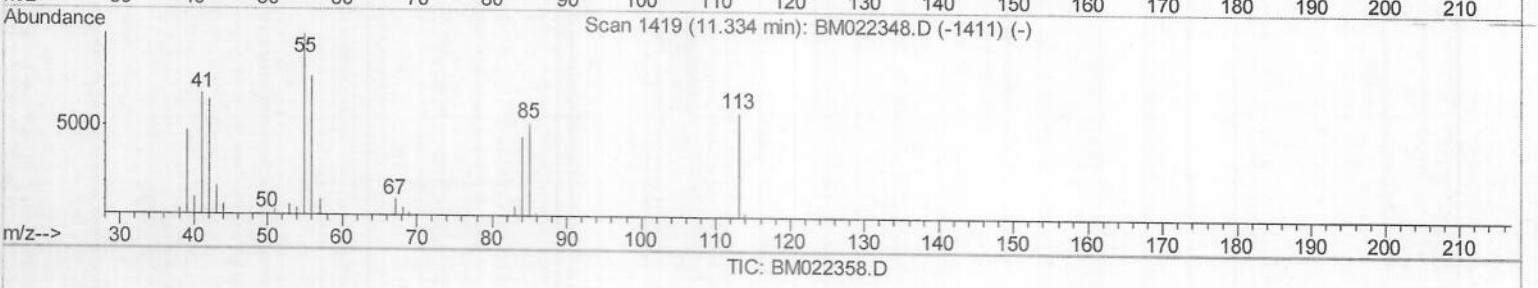

TIC: BM022358.D

(32) Caprolactam

11.333min (-0.006) 24.11ng/ul m JU 08/29/19

response 21492

Ion	Exp%	Act%
113.00	100	100
55.00	139.50	151.47
56.00	130.80	130.69
0.00	0.00	0.00

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mohammad
8/28/2019 10:11:39 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	36003	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.32	136	160437	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.20	164	118281	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.97	188	265467	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	236939	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	228815	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	6439	8.00	ng/uL	0.00
5) Phenol-d5	6.74	99	63546	20.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	37454	20.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	53766	21.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	55932	20.77	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	26709	22.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	32143	23.09	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.96	165	65441	23.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	76578	22.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	207813	19.95	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	251813	22.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	21564	13.98	ng/ul	0.00
57) Fluorene-d10	15.20	176	180581	20.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	36470	17.80	ng/ul	0.00
70) Anthracene-d10	17.06	188	303203	21.57	ng/ul	-0.01
78) Pyrene-d10	19.37	212	335553	27.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	256871	20.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	6835	7.925	ng/uL	93
4) Benzaldehyde	6.72	77	46456	25.974	ng/ul	94
6) Phenol	6.77	94	65740	19.758	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.99	93	46742	19.296	ng/ul	94
10) 2-Chlorophenol	7.11	128	53602	20.583	ng/ul	97
11) 2-Methylphenol	8.00	108	51204	19.542	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.07	45	61347	19.434	ng/ul	98
14) Acetophenone	8.38	105	90554	19.451	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.36	70	46536	19.747	ng/ul	99
16) 4-Methylphenol	8.33	108	56677	19.674	ng/ul	99
17) Hexachloroethane	8.59	117	26905	21.071	ng/ul	98
20) Nitrobenzene	8.76	77	74085	21.030	ng/ul	99
21) Isophorone	9.27	82	127414	19.845	ng/ul	98
23) 2-Nitrophenol	9.46	139	34225	22.380	ng/ul	98
24) 2,4-Dimethylphenol	9.52	107	75267	20.987	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.75	93	70114	20.227	ng/ul	99
27) 2,4-Dichlorophenol	9.98	162	64162	22.343	ng/ul	96
28) Naphthalene	10.36	128	184591	20.848	ng/ul	99
30) 4-Chloroaniline	10.51	127	75893	21.152	ng/ul	99
31) Hexachlorobutadiene	10.62	225	61045	22.163	ng/ul	99
32) Caprolactam	11.33	113	21492m	24.115	ng/ul	
33) 4-Chloro-3-methylphenol	11.64	107	67054	21.150	ng/ul	99
34) 2-Methylnaphthalene	11.99	142	141889	20.799	ng/ul	96

JV 08/29/19

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.36	216	105188	21.503 ng/ul	99
37) Hexachlorocyclopentadiene	12.32	237	40300	17.756 ng/ul	97
38) 2,4,6-Trichlorophenol	12.63	196	59268	21.576 ng/ul	93
39) 2,4,5-Trichlorophenol	12.71	196	61884	20.597 ng/ul	98
40) 1,1'-Biphenyl	13.02	154	191172	19.860 ng/ul	100
41) 2-Chloronaphthalene	13.06	162	155046	20.666 ng/ul	99
42) 2-Nitroaniline	13.31	65	47856	20.873 ng/ul	99
44) Dimethylphthalate	13.67	163	203909	19.239 ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	40693	19.993 ng/ul	99
47) Acenaphthylene	13.92	152	227340	19.541 ng/ul	98
48) 3-Nitroaniline	14.16	138	38021	21.943 ng/ul	93
49) Acenaphthene	14.26	153	167586	20.289 ng/ul	99
50) 2,4-Dinitrophenol	14.39	184	21632	17.773 ng/ul	95
52) 4-Nitrophenol	14.49	109	52296	20.394 ng/ul	91
53) Dibenzofuran	14.60	168	245083	19.922 ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	61491	19.545 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.84	232	62022	20.359 ng/ul	94
56) Diethylphthalate	15.04	149	218474	19.219 ng/ul	97
58) Fluorene	15.26	166	207457	20.021 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.26	204	131874	20.788 ng/ul	99
60) 4-Nitroaniline	15.34	138	36635	20.376 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.39	198	36207	16.474 ng/ul	95
64) N-Nitrosodiphenylamine	15.49	169	172803	20.890 ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	83919	22.084 ng/ul	92
66) Hexachlorobenzene	16.26	284	90370	21.343 ng/ul	94
67) Atrazine	16.45	200	97962	22.738 ng/ul	98
68) Pentachlorophenol	16.63	266	38810	15.173 ng/ul	98
69) Phenanthrene	17.01	178	322203	20.288 ng/ul	99
71) Anthracene	17.10	178	332939	20.146 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.98	216	105637	22.372 ng/uL	100
73) Pentachlorobenzene	14.52	250	116525	22.749 ng/uL	99
74) Carbazole	17.39	167	263508	17.653 ng/ul	99
75) Di-n-butylphthalate	17.93	149	376595	19.750 ng/ul	99
76) Fluoranthene	19.04	202	403007	16.839 ng/ul	98
79) Pyrene	19.40	202	396986	25.886 ng/ul	97
80) Butylbenzylphthalate	20.31	149	160208	24.683 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.11	252	107102	17.376 ng/ul	95
82) Benzo(a)anthracene	21.16	228	365725	20.508 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.08	149	227538	23.296 ng/ul#	99
84) Chrysene	21.21	228	333981	20.030 ng/ul	99
86) Di-n-octyl phthalate	21.95	149	339653	20.029 ng/ul	100
87) Benzo(b)fluoranthene	22.71	252	328072	20.611 ng/ul	99
88) Benzo(k)fluoranthene	22.76	252	307939	19.950 ng/ul	98
90) Benzo(a)pyrene	23.27	252	301686	19.885 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.56	276	371416	21.082 ng/ul	96
92) Dibenzo(a,h)anthracene	25.56	278	307590	20.565 ng/ul	99
93) Benzo(g,h,i)perylene	26.23	276	292853	21.790 ng/ul	100

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