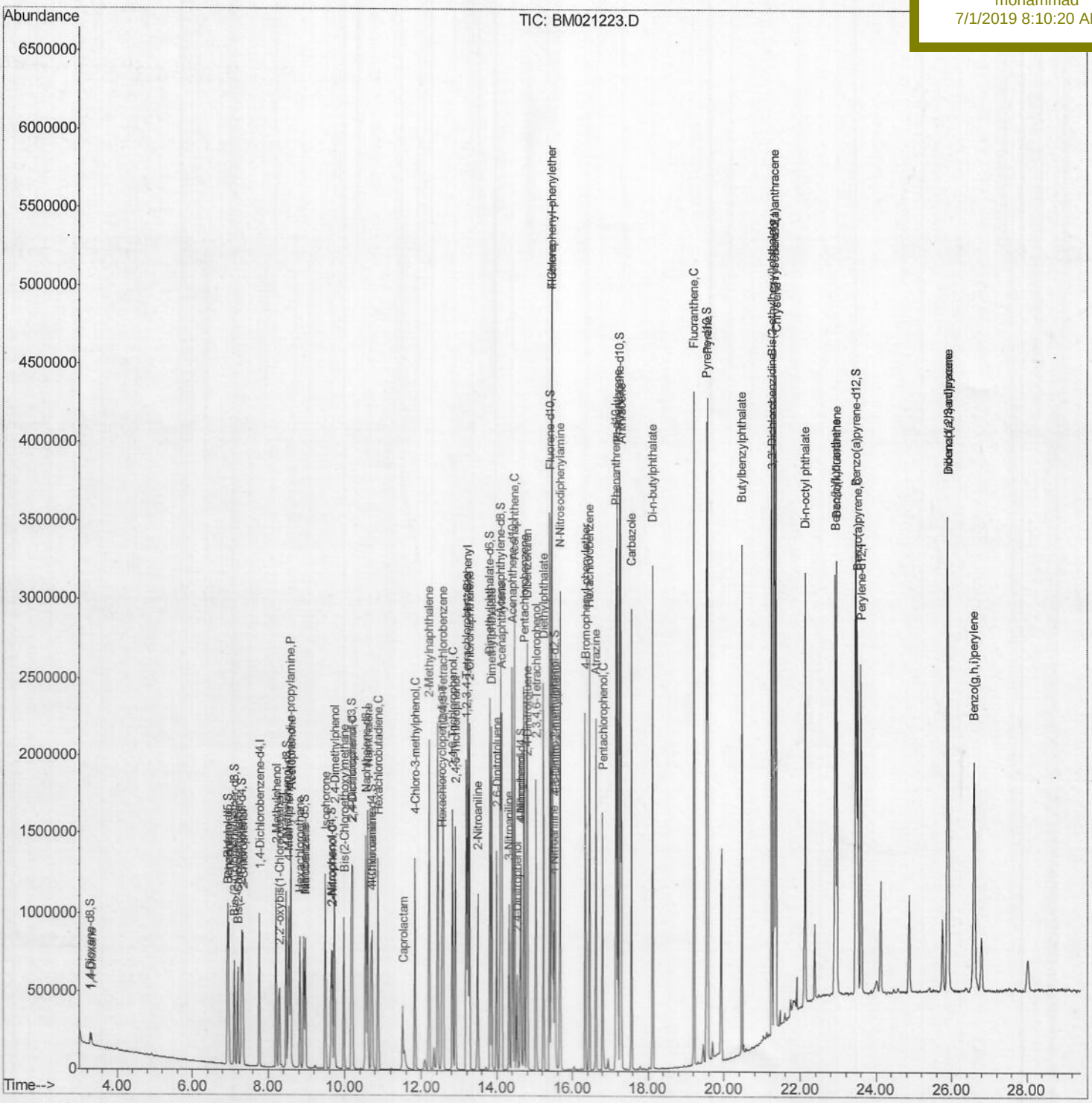
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062819\
Data File : BM021223.D
Acq On : 28 Jun 2019 10:13
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 28 15:15:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02049

Manual Integrations APPROVED
mohammad
7/1/2019 8:10:20 AM



Quantitation Report (Qedit)

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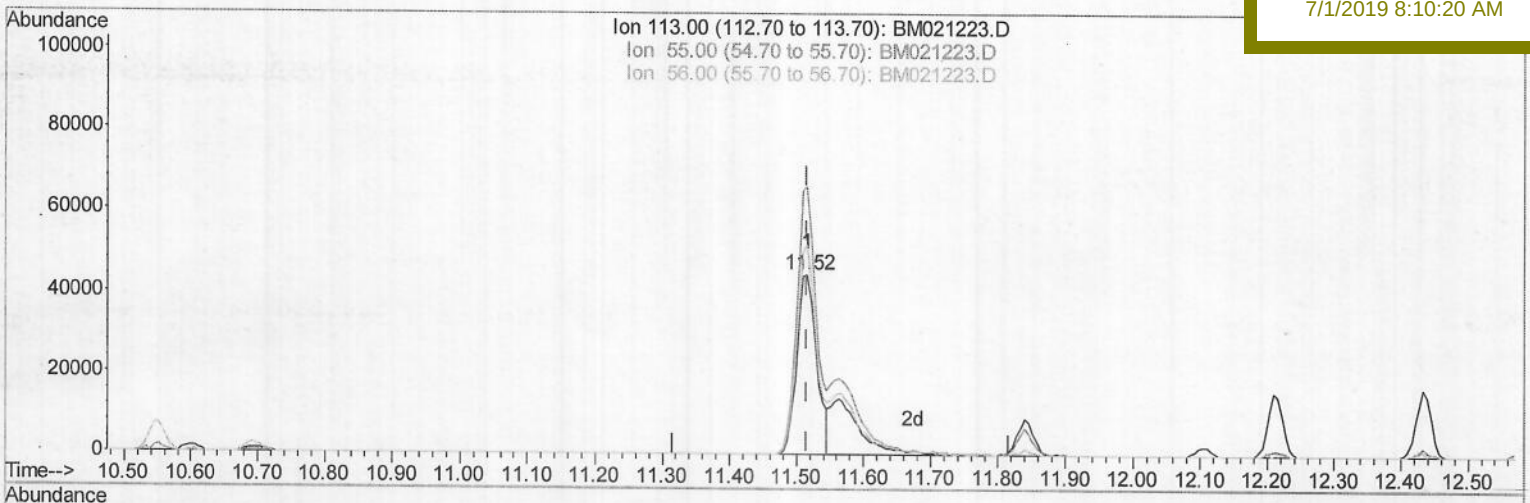
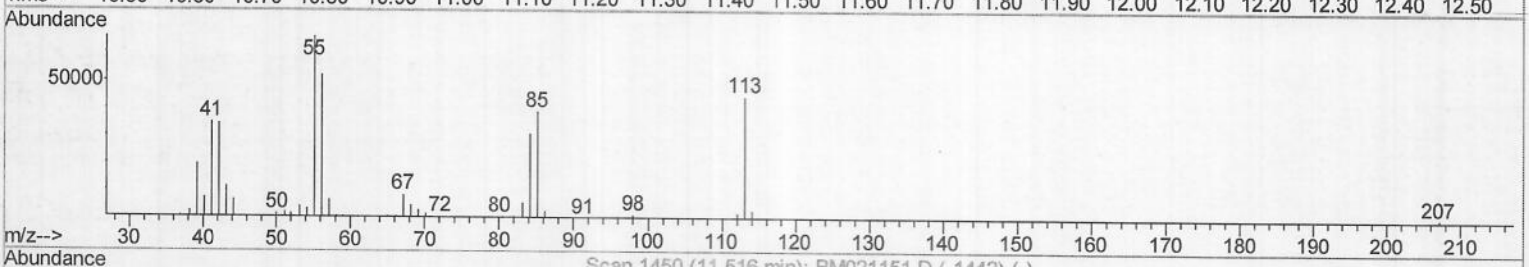
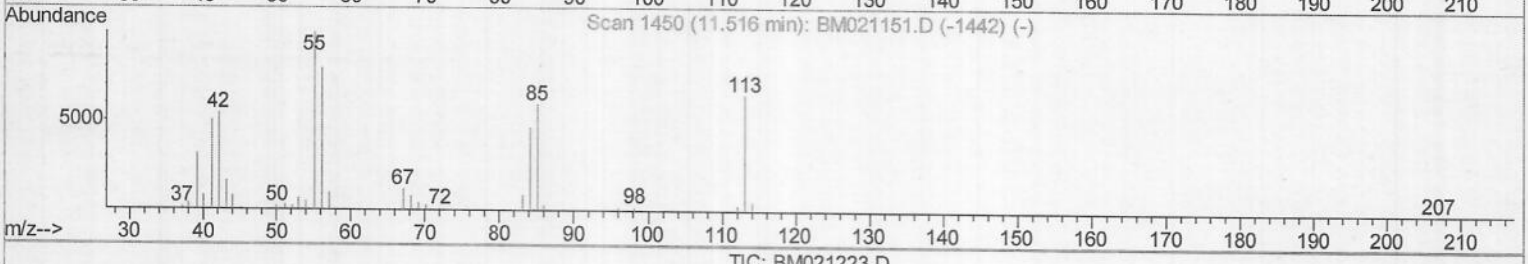
Manual Integrations APPROVED
mohammad
7/1/2019 8:10:20 AM







TIC: BM021223.D

(32) Caprolactam

11.516min (-0.000) 15.74ng/ul

response 92202

Ion	Exp%	Act%
113.00	100	100
55.00	144.70	148.42
56.00	113.80	116.58
0.00	0.00	0.00

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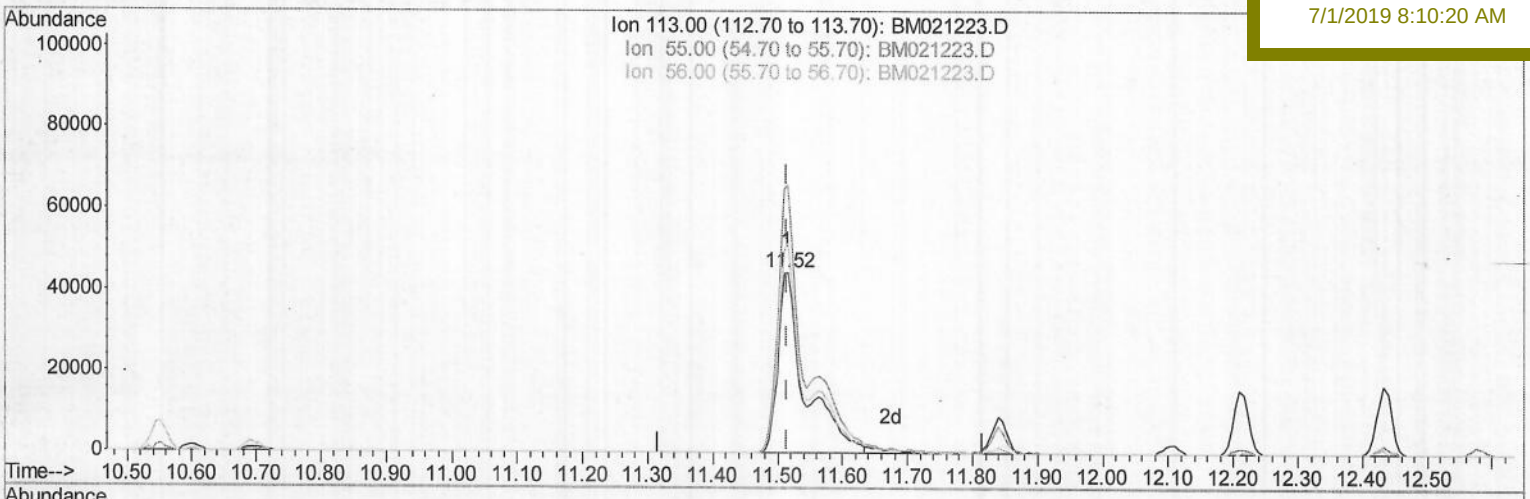
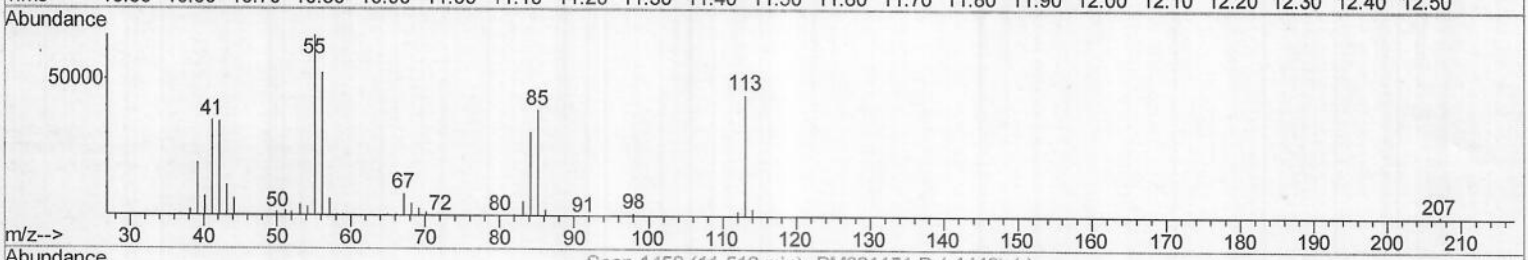
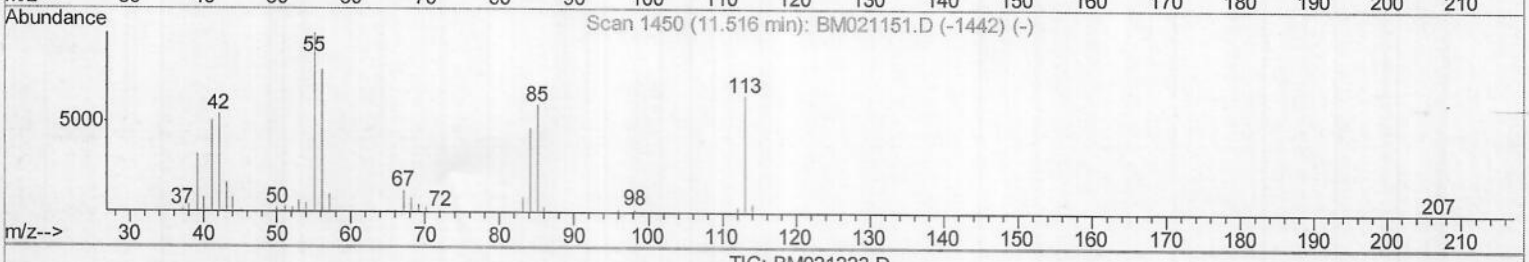
BNA_M
LabSampleId :
SSTD02049

Manual Integrations APPROVED
mohammad
7/1/2019 8:10:20 AM







TIC: BM021223.D

(32) Caprolactam

11.516min (-0.000) 22.40ng/ul m > JU 07/01/19

response 131238

Ion	Exp%	Act%
113.00	100	100
55.00	144.70	148.42
56.00	113.80	116.58
0.00	0.00	0.00

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LabSampleId : SSTD02049

Manual Integrations APPROVED
mohammad
7/1/2019 8:10:20 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	273961	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1248889	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	848714	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	2006349	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1543201	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1545701	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	39929	6.92	ng/uL	0.00
5) Phenol-d5	6.93	99	487138	20.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	286294	20.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	398358	20.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	424350	21.32	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	211380	20.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	243214	21.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	498918	21.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	410574	17.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1579588	20.60	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1947960	20.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	230388	18.47	ng/ul	0.00
57) Fluorene-d10	15.40	176	1376081	20.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	254867	20.66	ng/ul	0.00
70) Anthracene-d10	17.25	188	2120397	20.34	ng/ul	0.00
78) Pyrene-d10	19.54	212	2115879	22.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1862176	20.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	39274	6.727	ng/uL	99
4) Benzaldehyde	6.92	77	140206	12.897	ng/ul	98
6) Phenol	6.96	94	459420	20.369	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.20	93	351915	20.443	ng/ul	100
10) 2-Chlorophenol	7.33	128	371051	20.321	ng/ul	98
11) 2-Methylphenol	8.20	108	367545	21.061	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.29	45	445863	20.284	ng/ul	99
14) Acetophenone	8.59	105	614141	21.438	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.57	70	321498	21.563	ng/ul	97
16) 4-Methylphenol	8.53	108	403375	21.240	ng/ul	97
17) Hexachloroethane	8.83	117	151826	19.949	ng/ul	98
20) Nitrobenzene	8.97	77	458097	20.108	ng/ul	99
21) Isophorone	9.49	82	903732	21.064	ng/ul	98
23) 2-Nitrophenol	9.67	139	240656	21.261	ng/ul	96
24) 2,4-Dimethylphenol	9.73	107	479197	20.723	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	540280	20.435	ng/ul	100
27) 2,4-Dichlorophenol	10.20	162	448496	21.523	ng/ul	97
28) Naphthalene	10.60	128	1302194	20.309	ng/ul	100
30) 4-Chloroaniline	10.72	127	387409	17.253	ng/ul	100
31) Hexachlorobutadiene	10.87	225	285950	20.140	ng/ul	97
32) Caprolactam	11.52	113	131238m	22.403	ng/ul	
33) 4-Chloro-3-methylphenol	11.84	107	467369	21.999	ng/ul	96
34) 2-Methylnaphthalene	12.21	142	1033440	21.020	ng/ul	99

JO 07/01/19

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Manual Integrations APPROVED
mohammad
7/1/2019 8:10:20 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.58	216	617298	20.374	ng/ul	98
37) Hexachlorocyclopentadiene	12.55	237	349811	19.407	ng/ul	97
38) 2,4,6-Trichlorophenol	12.83	196	397781	21.126	ng/ul	98
39) 2,4,5-Trichlorophenol	12.90	196	429608	21.360	ng/ul	100
40) 1,1'-Biphenyl	13.23	154	1396337	19.944	ng/ul	99
41) 2-Chloronaphthalene	13.27	162	1120517	20.258	ng/ul	100
42) 2-Nitroaniline	13.49	65	284506	21.164	ng/ul	97
44) Dimethylphthalate	13.86	163	1435932	20.570	ng/ul	98
45) 2,6-Dinitrotoluene	13.99	165	294372	22.094	ng/ul	93
47) Acenaphthylene	14.13	152	1641397	20.422	ng/ul	99
48) 3-Nitroaniline	14.32	138	255614	21.915	ng/ul	100
49) Acenaphthene	14.47	153	1196281	20.302	ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	133322	19.919	ng/ul	96
52) 4-Nitrophenol	14.63	109	170765	18.508	ng/ul	98
53) Dibenzofuran	14.80	168	1717231	20.468	ng/ul	98
54) 2,4-Dinitrotoluene	14.78	165	431865	22.336	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.03	232	387030	22.068	ng/ul	98
56) Diethylphthalate	15.23	149	1411751	20.961	ng/ul	100
58) Fluorene	15.46	166	1419846	20.830	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.45	204	775180	20.858	ng/ul	99
60) 4-Nitroaniline	15.49	138	247301	19.947	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.54	198	248681	20.086	ng/ul	95
64) N-Nitrosodiphenylamine	15.67	169	1216216	20.016	ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	506779	20.598	ng/ul	98
66) Hexachlorobenzene	16.45	284	586996	20.817	ng/ul	99
67) Atrazine	16.62	200	427102	19.374	ng/ul	98
68) Pentachlorophenol	16.80	266	305950	21.639	ng/ul	97
69) Phenanthrene	17.19	178	2241699	20.203	ng/ul	99
71) Anthracene	17.29	178	2291018	20.261	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.19	216	617046	19.550	ng/uL	99
73) Pentachlorobenzene	14.72	250	653109	20.110	ng/uL	99
74) Carbazole	17.56	167	1860133	19.960	ng/ul	99
75) Di-n-butylphthalate	18.12	149	2330977	20.834	ng/ul	100
76) Fluoranthene	19.21	202	2477159	20.661	ng/ul	99
79) Pyrene	19.57	202	2460939	22.557	ng/ul	99
80) Butylbenzylphthalate	20.47	149	908648	22.500	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.26	252	681380	19.700	ng/ul	98
82) Benzo(a)anthracene	21.32	228	2149995	20.435	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.24	149	1225846	21.319	ng/ul	99
84) Chrysene	21.37	228	1993183	20.228	ng/ul	99
86) Di-n-octyl phthalate	22.14	149	1853443	20.809	ng/ul	100
87) Benzo(b)fluoranthene	22.93	252	1968447	20.104	ng/ul	100
88) Benzo(k)fluoranthene	22.97	252	1969000	20.903	ng/ul	99
90) Benzo(a)pyrene	23.51	252	1871939	20.312	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	2288490	21.088	ng/ul	99
92) Dibenzo(a,h)anthracene	25.91	278	1894889	20.757	ng/ul	99
93) Benzo(g,h,i)perylene	26.60	276	1869450	20.916	ng/ul	98

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