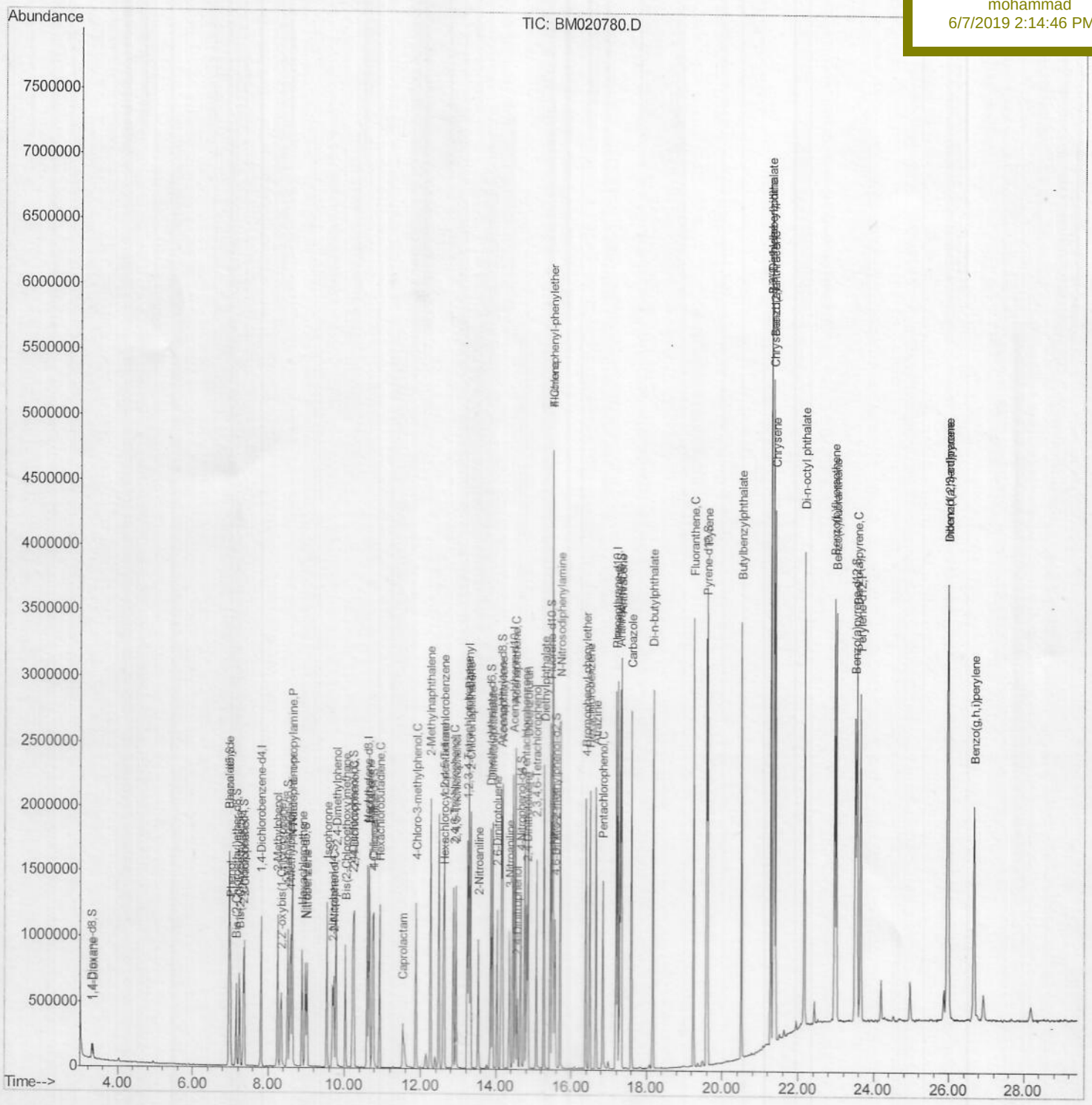
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020780.D
Acq On : 07 Jun 2019 01:14
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 06:36:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 07 05:12:28 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02019

Manual Integrations APPROVED
mohammad
6/7/2019 2:14:46 PM



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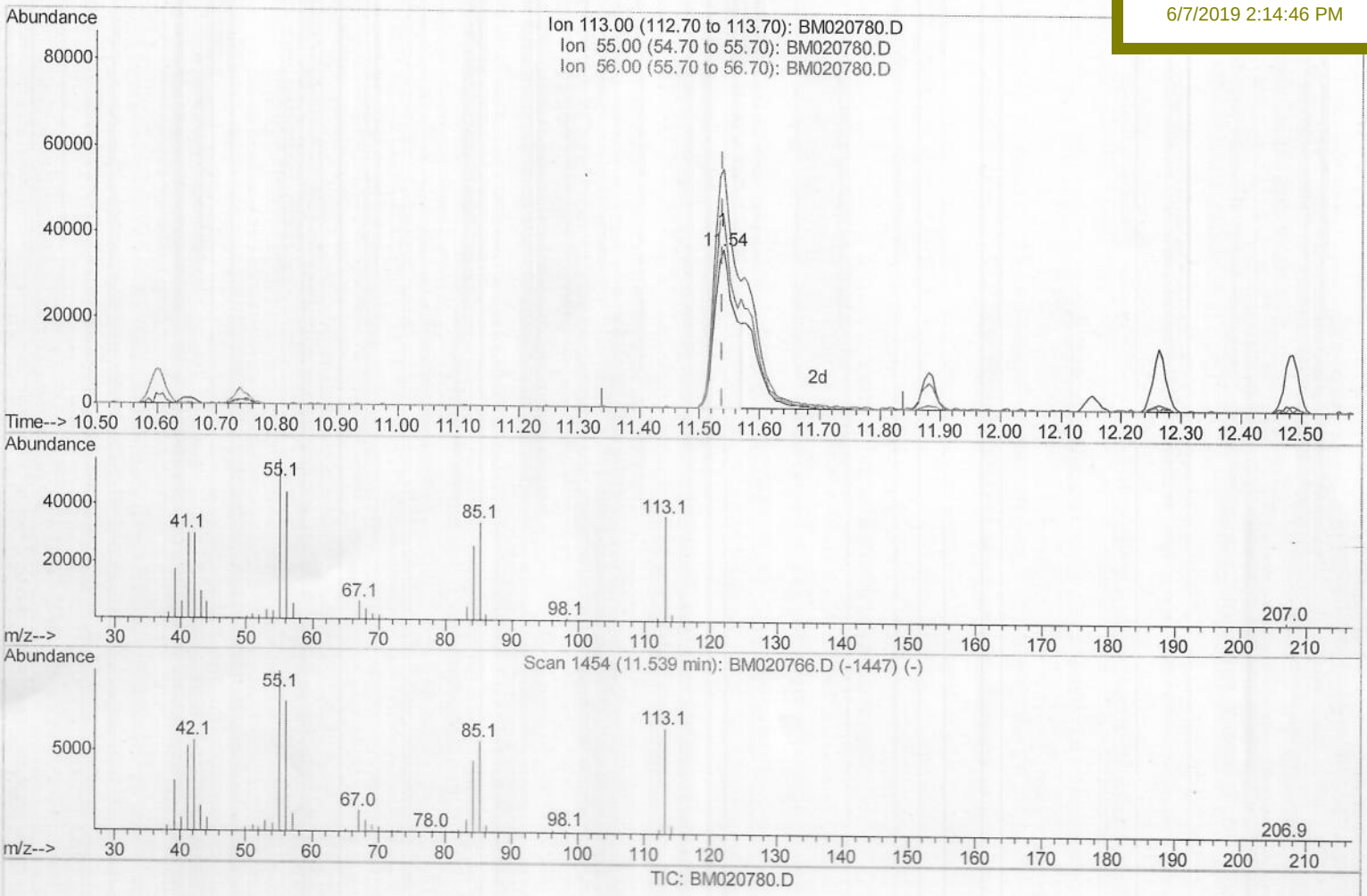

TIC: BM020780.D

(32) Caprolactam

11.540min (+0.000) 16.18ng/ul

response 84935

Ion	Exp%	Act%
113.00	100	100
55.00	157.50	151.74
56.00	124.60	120.82
0.00	0.00	0.00

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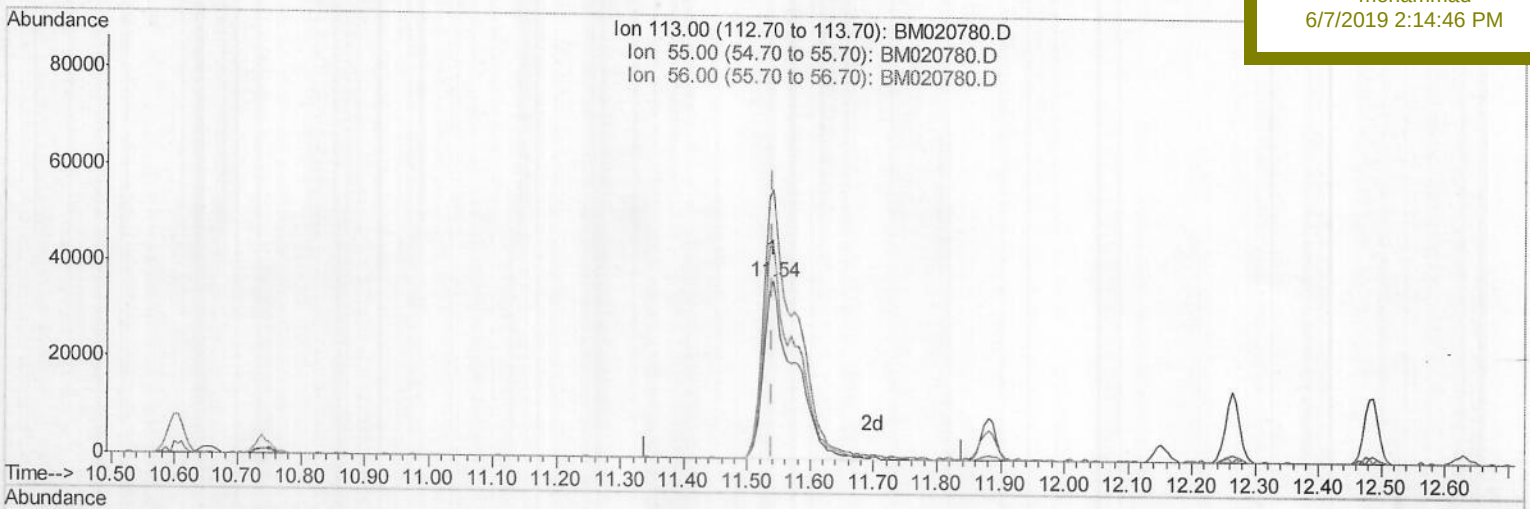

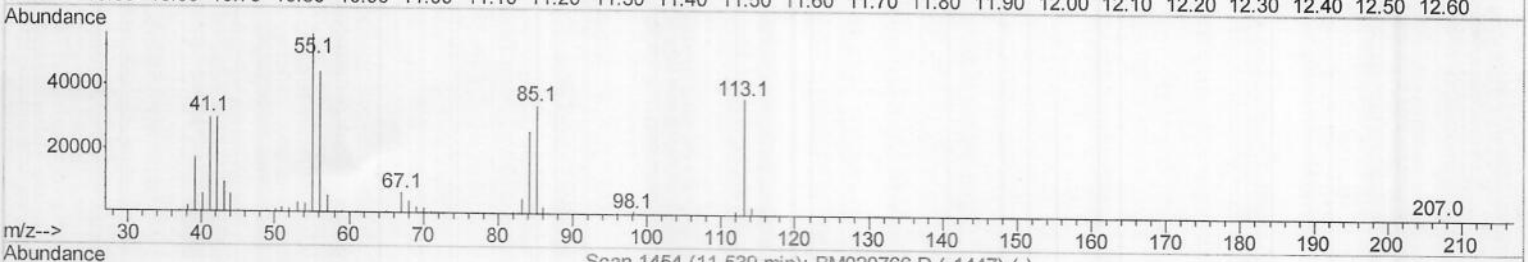

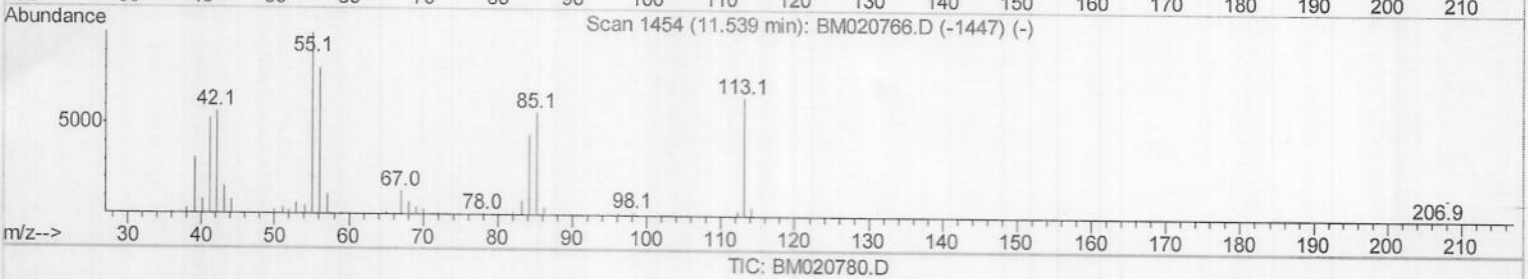

TIC: BM020780.D

(32) Caprolactam

11.540min (+0.000) 23.71ng/ul m

response 124477

Ion	Exp%	Act%
113.00	100	100
55.00	157.50	151.74
56.00	124.60	120.82
0.00	0.00	0.00

JU
06/10/19

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6/7/2019 2:14:46 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	305487	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1243474	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	751938	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1695415	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1583838	20.00	ng/ul	-0.01
85) Perylene-d12	23.65	264	1778650	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	52186	8.14	ng/uL	0.00
5) Phenol-d5	6.97	99	481783	20.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	290416	20.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	397089	21.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	386533	20.55	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	187594	22.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	195835	22.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	410636	22.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	517169	23.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1230990	22.13	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1550094	21.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	210797	22.09	ng/ul	0.00
57) Fluorene-d10	15.44	176	1035533	21.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	164541	18.98	ng/ul	0.00
70) Anthracene-d10	17.29	188	1602076	21.63	ng/ul	0.00
78) Pyrene-d10	19.58	212	1679266	21.93	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	1731604	21.42	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	56474	8.392	ng/uL	96
4) Benzaldehyde	6.96	77	352229	20.001	ng/ul	98
6) Phenol	7.00	94	490291	20.377	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.24	93	384328	20.587	ng/ul	97
10) 2-Chlorophenol	7.38	128	408452	21.331	ng/ul	97
11) 2-Methylphenol	8.25	108	368450	20.608	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	508353	20.773	ng/ul	99
14) Acetophenone	8.63	105	602119	20.721	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.62	70	322601	21.089	ng/ul	99
16) 4-Methylphenol	8.57	108	404862	20.705	ng/ul	100
17) Hexachloroethane	8.88	117	174674	21.694	ng/ul	95
20) Nitrobenzene	9.02	77	459189	21.490	ng/ul	99
21) Isophorone	9.53	82	881310	22.323	ng/ul	99
23) 2-Nitrophenol	9.72	139	216284	22.078	ng/ul	95
24) 2,4-Dimethylphenol	9.77	107	457935	21.748	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.02	93	524480	21.412	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	398547	22.114	ng/ul	97
28) Naphthalene	10.65	128	1255803	21.503	ng/ul	100
30) 4-Chloroaniline	10.76	127	523562	23.330	ng/ul	97
31) Hexachlorobutadiene	10.93	225	264952	21.704	ng/ul	100
32) Caprolactam	11.54	113	124477m	23.708	ng/ul	
33) 4-Chloro-3-methylphenol	11.88	107	428784	23.056	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	931900	21.724	ng/ul	99

JV 06/10/19

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6/7/2019 2:14:46 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	506172	20.772 ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	291499	19.277 ng/ul	99
38) 2,4,6-Trichlorophenol	12.87	196	327716	22.393 ng/ul	99
39) 2,4,5-Trichlorophenol	12.94	196	359799	22.637 ng/ul	97
40) 1,1'-Biphenyl	13.28	154	1240010	21.250 ng/ul	99
41) 2-Chloronaphthalene	13.32	162	952441	21.209 ng/ul	100
42) 2-Nitroaniline	13.53	65	265903	22.802 ng/ul	100
44) Dimethylphthalate	13.91	163	1225602	22.006 ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	244738	23.427 ng/ul	99
47) Acenaphthylene	14.17	152	1479179	21.678 ng/ul	99
48) 3-Nitroaniline	14.36	138	239015	23.771 ng/ul	95
49) Acenaphthene	14.51	153	1027524	21.572 ng/ul	100
50) 2,4-Dinitrophenol	14.56	184	106822	19.077 ng/ul	100
52) 4-Nitrophenol	14.66	109	173091	22.121 ng/ul	97
53) Dibenzofuran	14.85	168	1443241	21.421 ng/ul	100
54) 2,4-Dinitrotoluene	14.82	165	347442	23.005 ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.07	232	306804	22.973 ng/ul	98
56) Diethylphthalate	15.27	149	1253790	22.539 ng/ul	99
58) Fluorene	15.50	166	1181346	21.840 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.49	204	617602	21.432 ng/ul	100
60) 4-Nitroaniline	15.52	138	273560	23.958 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.57	198	176322	19.146 ng/ul	97
64) N-Nitrosodiphenylamine	15.71	169	1039256	21.801 ng/ul	100
65) 4-Bromophenyl-phenylether	16.39	248	394484	21.820 ng/ul	98
66) Hexachlorobenzene	16.49	284	438165	21.314 ng/ul	99
67) Atrazine	16.66	200	381640	21.724 ng/ul	98
68) Pentachlorophenol	16.84	266	249449	21.060 ng/ul	97
69) Phenanthrene	17.24	178	1838899	21.551 ng/ul	98
71) Anthracene	17.33	178	1894024	21.655 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.24	216	518069	20.612 ng/uL	100
73) Pentachlorobenzene	14.76	250	505109	21.338 ng/uL	98
74) Carbazole	17.60	167	1655212	21.762 ng/ul	99
75) Di-n-butylphthalate	18.16	149	2138842	22.494 ng/ul	99
76) Fluoranthene	19.25	202	2110903	21.588 ng/ul	99
79) Pyrene	19.62	202	2159694	22.090 ng/ul	98
80) Butylbenzylphthalate	20.51	149	931544	23.378 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.29	252	784930	22.359 ng/ul	98
82) Benzo(a)anthracene	21.35	228	2151091	21.772 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.29	149	1447072	21.533 ng/ul	100
84) Chrysene	21.40	228	1995682	21.768 ng/ul	99
86) Di-n-octyl phthalate	22.17	149	2423487	22.985 ng/ul	100
87) Benzo(b)fluoranthene	22.96	252	2190312	21.169 ng/ul	100
88) Benzo(k)fluoranthene	23.01	252	2072588	20.957 ng/ul	99
90) Benzo(a)pyrene	23.55	252	2081938	21.150 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.97	276	2507995	21.571 ng/ul	99
92) Dibenzo(a,h)anthracene	25.98	278	2111323	21.432 ng/ul	99
93) Benzo(g,h,i)perylene	26.67	276	2039914	21.626 ng/ul	98

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