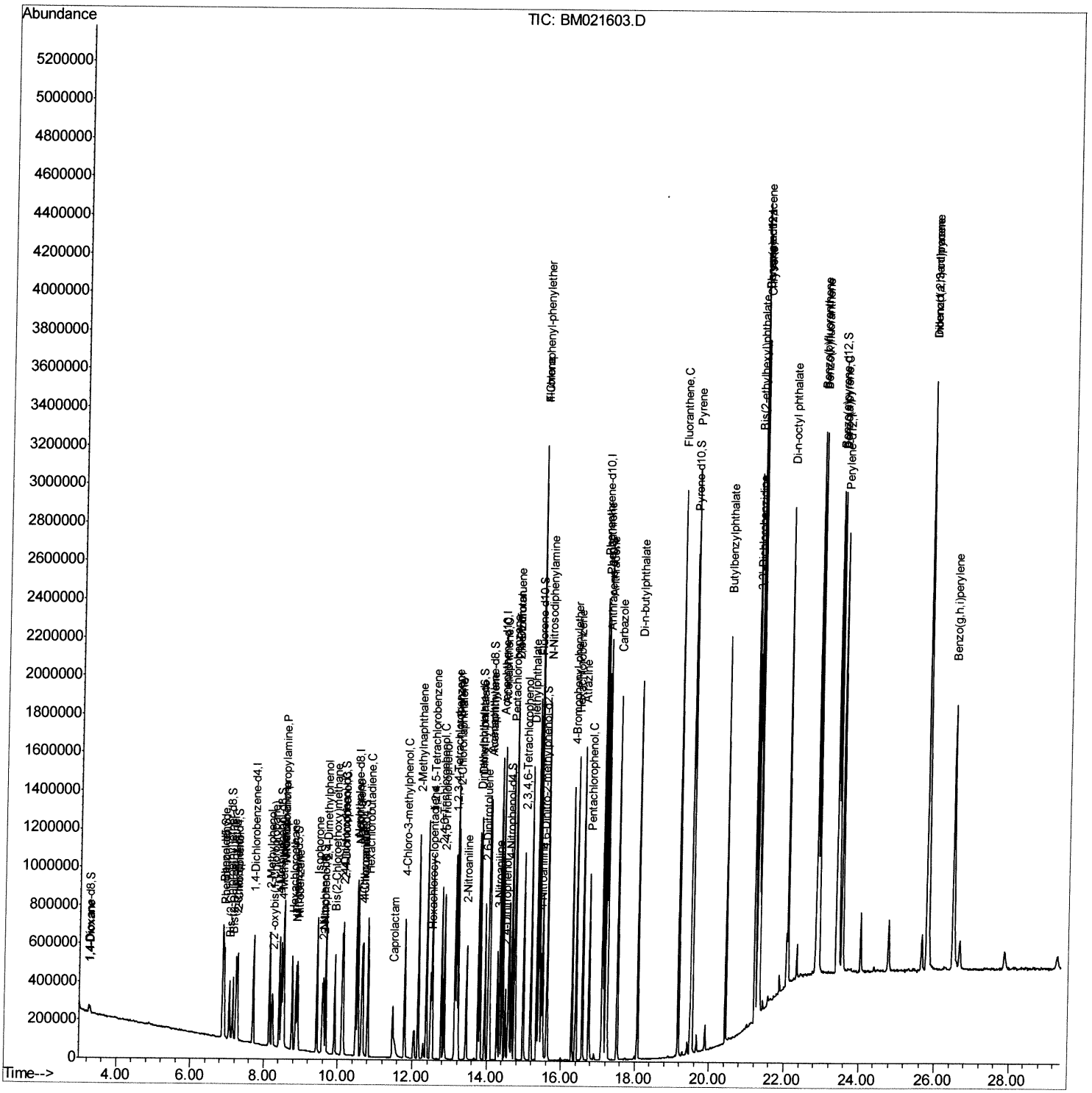
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
Data File : BM021603.D
Acq On : 23 Jul 2019 04:52
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 23 05:33:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 20 05:03:12 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02004

Manual Integrations APPROVED
mohammad
7/23/2019 8:43:48 AM



Quantitation Report (Qedit)

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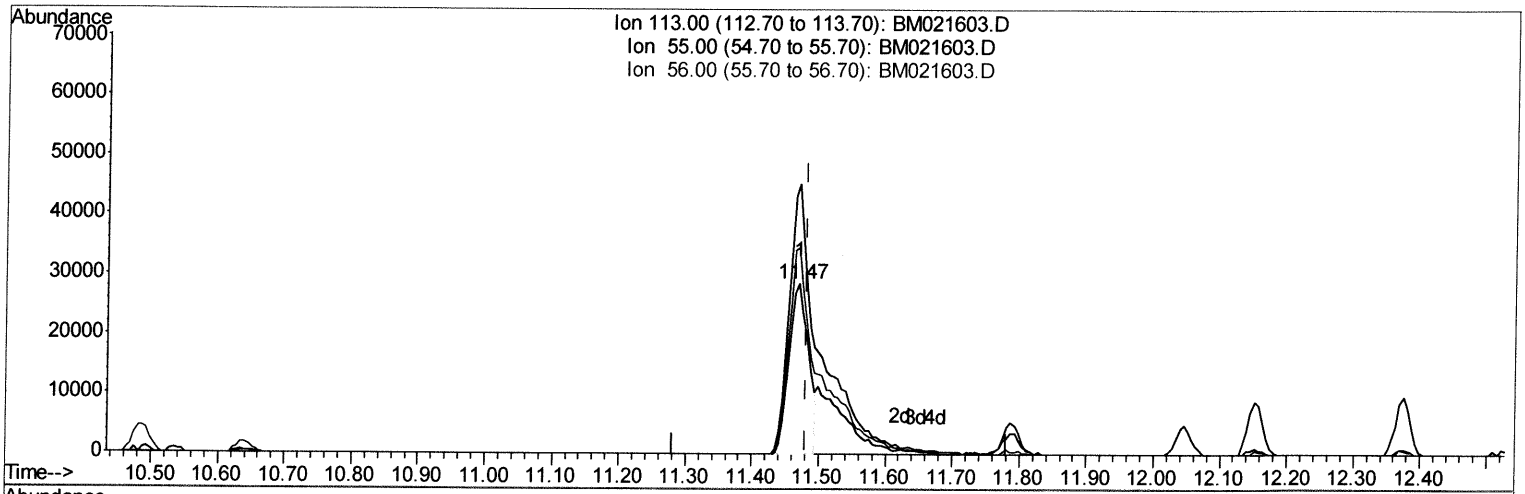

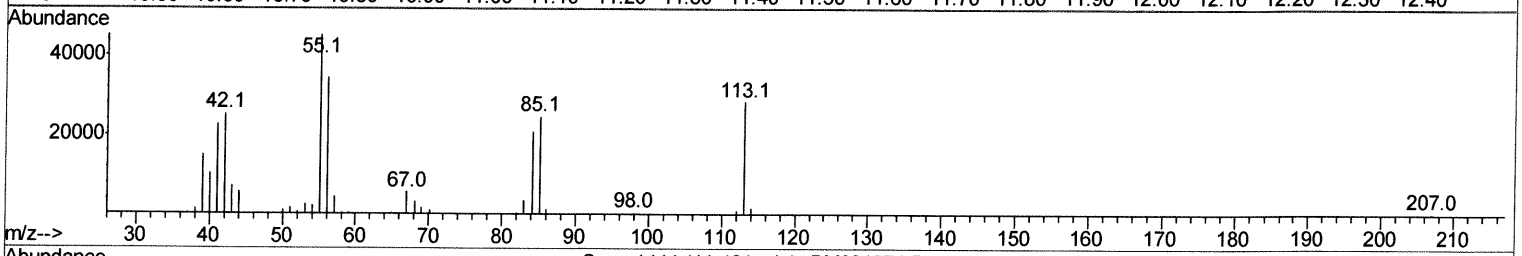

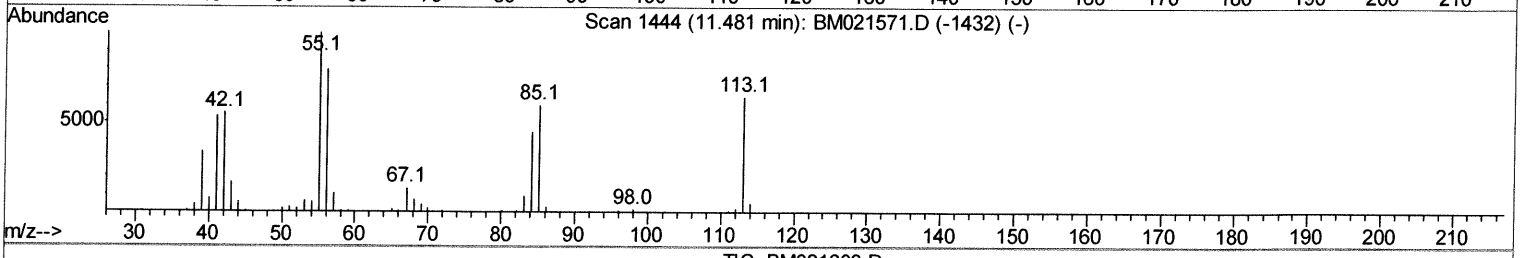

TIC: BM021603.D

(32) Caprolactam

11.469min (-0.011) 17.63ng/ul

response 57333

Ion	Exp%	Act%
113.00	100	100
55.00	151.20	158.46
56.00	116.00	121.22
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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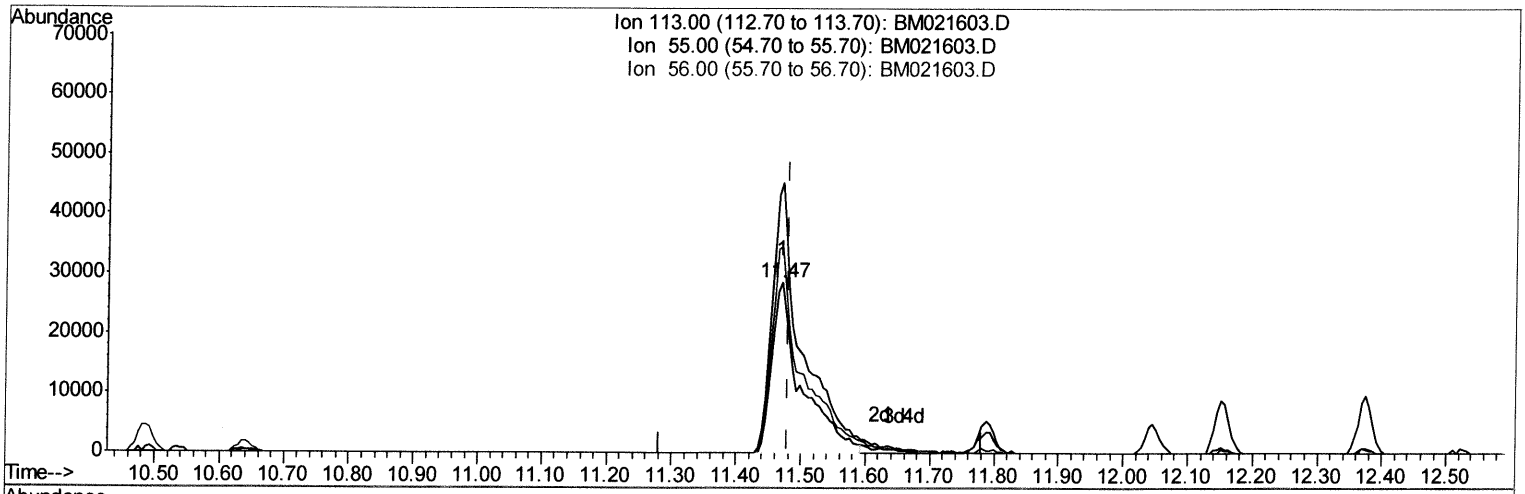

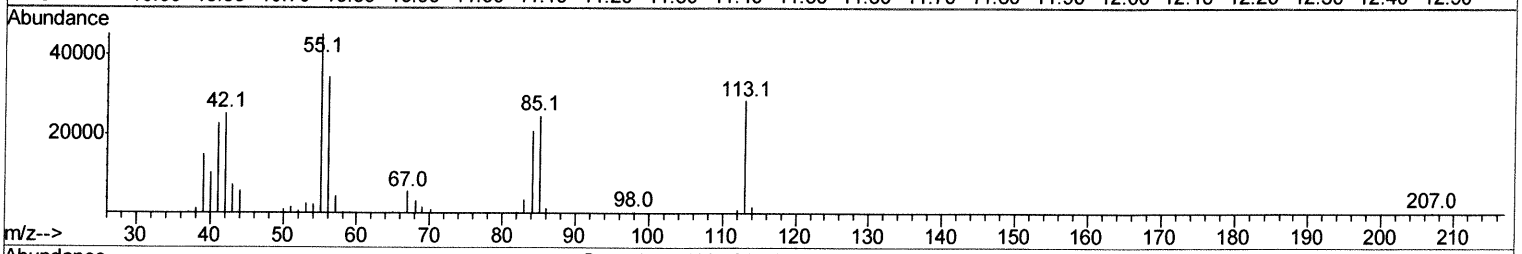

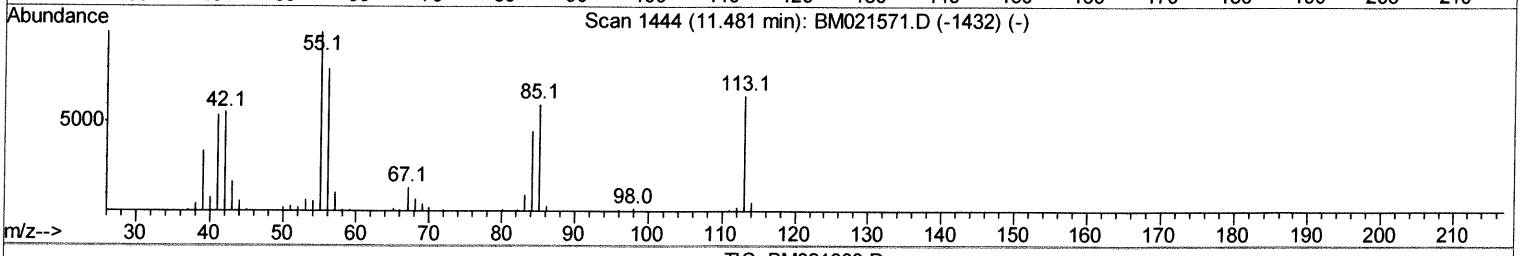

TIC: BM021603.D

(32) Caprolactam

11.469min (-0.011) 27.90ng/ul m JU 07/23/19

response 90696

Ion	Exp%	Act%
113.00	100	100
55.00	151.20	158.46
56.00	116.00	121.22
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	154053	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	733165	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.35	164	516487	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1324461	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1494153	20.00	ng/ul	-0.01
85) Perylene-d12	23.54	264	1694255	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	21945	7.02	ng/uL	0.00
5) Phenol-d5	6.88	99	240372	20.07	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.05	67	134719	18.97	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.24	132	194171	18.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	209065	21.91	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	101031	16.73	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.58	143	110812	16.23	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.11	165	247248	18.15	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.64	131	259143	21.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	798417	17.65	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	987764	17.39	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.57	143	134394	18.75	ng/ul	-0.01
57) Fluorene-d10	15.35	176	706238	17.49	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.49	200	137589	15.45	ng/ul	0.00
70) Anthracene-d10	17.20	188	1190475	17.30	ng/ul	-0.01
78) Pyrene-d10	19.50	212	1375559	16.78	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.40	264	1594473	16.36	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	22451	6.830	ng/uL#	93
4) Benzaldehyde	6.87	77	116482	18.012	ng/ul	99
6) Phenol	6.91	94	246454	21.496	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.15	93	182730	20.614	ng/ul	96
10) 2-Chlorophenol	7.27	128	196533	19.835	ng/ul	97
11) 2-Methylphenol	8.15	108	193008	22.092	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.23	45	246645	22.818	ng/ul	100
14) Acetophenone	8.53	105	337032	23.453	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.52	70	170053	23.599	ng/ul	94
16) 4-Methylphenol	8.48	108	215178	23.231	ng/ul	96
17) Hexachloroethane	8.76	117	85703	19.781	ng/ul	94
20) Nitrobenzene	8.91	77	248577	18.376	ng/ul	99
21) Isophorone	9.43	82	497114	20.734	ng/ul	98
23) 2-Nitrophenol	9.62	139	122943	18.078	ng/ul	96
24) 2,4-Dimethylphenol	9.67	107	259720	19.629	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.91	93	295047	19.729	ng/ul	98
27) 2,4-Dichlorophenol	10.14	162	237657	19.076	ng/ul	99
28) Naphthalene	10.53	128	710737	18.627	ng/ul	100
30) 4-Chloroaniline	10.66	127	263663	22.401	ng/ul	99
31) Hexachlorobutadiene	10.80	225	161563	17.547	ng/ul	99
32) Caprolactam	11.47	113	90696m	27.896	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	260565	22.469	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	558828	19.869	ng/ul	100

JU 07/23/19

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Manual Integrations APPROVED
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7/23/2019 8:43:48 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	336395	16.747 ng/ul	99
37) Hexachlorocyclopentadiene	12.49	237	128444	12.570 ng/ul	97
38) 2,4,6-Trichlorophenol	12.77	196	214853	17.973 ng/ul	96
39) 2,4,5-Trichlorophenol	12.85	196	237323	18.731 ng/ul	96
40) 1,1'-Biphenyl	13.17	154	757601	17.526 ng/ul	99
41) 2-Chloronaphthalene	13.22	162	608155	17.555 ng/ul	98
42) 2-Nitroaniline	13.45	65	148701	19.644 ng/ul	95
44) Dimethylphthalate	13.82	163	808511	19.195 ng/ul	99
45) 2,6-Dinitrotoluene	13.95	165	146788	19.137 ng/ul	96
47) Acenaphthylene	14.07	152	905462	18.325 ng/ul	100
48) 3-Nitroaniline	14.28	138	128583	18.636 ng/ul	98
49) Acenaphthene	14.42	153	657203	18.304 ng/ul	100
50) 2,4-Dinitrophenol	14.49	184	83394	18.079 ng/ul	95
52) 4-Nitrophenol	14.59	109	115030	21.543 ng/ul	93
53) Dibenzofuran	14.75	168	964577	18.545 ng/ul	98
54) 2,4-Dinitrotoluene	14.74	165	240600	20.452 ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	14.98	232	223506	19.793 ng/ul	98
56) Diethylphthalate	15.18	149	795988	19.683 ng/ul	99
58) Fluorene	15.40	166	798853	18.984 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.40	204	446469	18.985 ng/ul	100
60) 4-Nitroaniline	15.45	138	136848	19.316 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.50	198	144675	16.334 ng/ul	97
64) N-Nitrosodiphenylamine	15.62	169	701025	17.792 ng/ul	100
65) 4-Bromophenyl-phenylether	16.29	248	286377	17.476 ng/ul	96
66) Hexachlorobenzene	16.40	284	338975	17.399 ng/ul	97
67) Atrazine	16.58	200	310056	21.301 ng/ul	99
68) Pentachlorophenol	16.75	266	186851	18.194 ng/ul	100
69) Phenanthrene	17.15	178	1356799	18.168 ng/ul	100
71) Anthracene	17.23	178	1386701	18.244 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	335085	15.433 ng/uL	99
73) Pentachlorobenzene	14.66	250	383869	17.163 ng/uL	98
74) Carbazole	17.52	167	1185270	18.787 ng/ul	99
75) Di-n-butylphthalate	18.07	149	1329019	18.387 ng/ul	99
76) Fluoranthene	19.16	202	1690996	19.069 ng/ul	99
79) Pyrene	19.53	202	1742497	17.621 ng/ul	97
80) Butylbenzylphthalate	20.43	149	600257	17.136 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.22	252	539580	16.242 ng/ul	99
82) Benzo(a)anthracene	21.27	228	1884298	18.415 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.20	149	879853	17.076 ng/ul	99
84) Chrysene	21.33	228	1760834	18.305 ng/ul	99
86) Di-n-octyl phthalate	22.08	149	1550972	16.946 ng/ul	100
87) Benzo(b)fluoranthene	22.86	252	1960164	18.565 ng/ul	99
88) Benzo(k)fluoranthene	22.91	252	1937850	18.427 ng/ul	99
90) Benzo(a)pyrene	23.44	252	1889501	18.528 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.80	276	2245725	17.827 ng/ul	99
92) Dibenzo(a,h)anthracene	25.81	278	1899261	17.935 ng/ul	100
93) Benzo(g,h,i)perylene	26.50	276	1781981	17.146 ng/ul	99

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