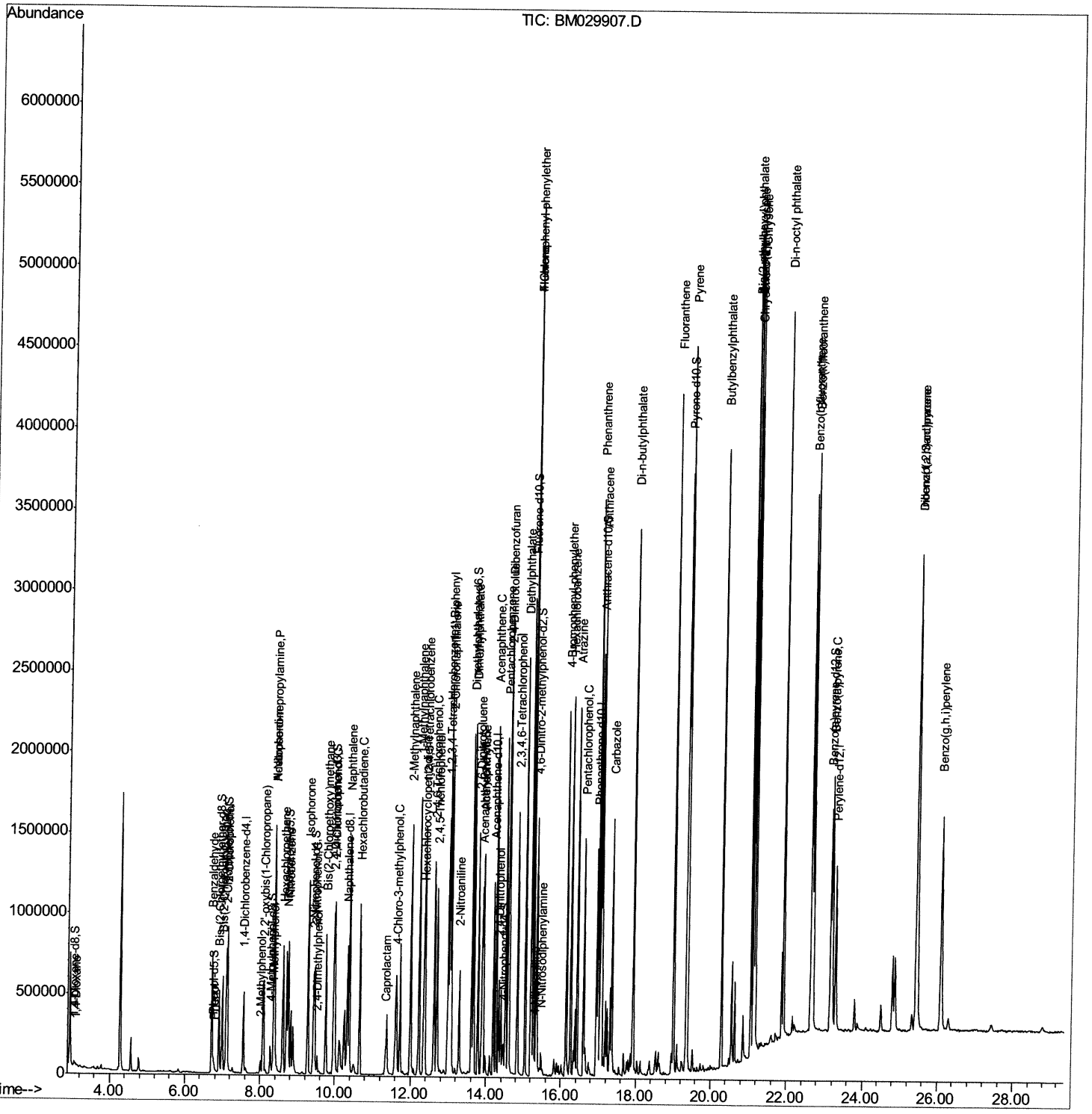
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029907.D
Acq On : 10 May 2021 15:56
Operator : CG/JU
Sample : M2276-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 10 16:27:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 10 10:07:43 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A0AA0MSD

Manual Integrations APPROVED
mohammad
5/11/2021 2:32:34 PM



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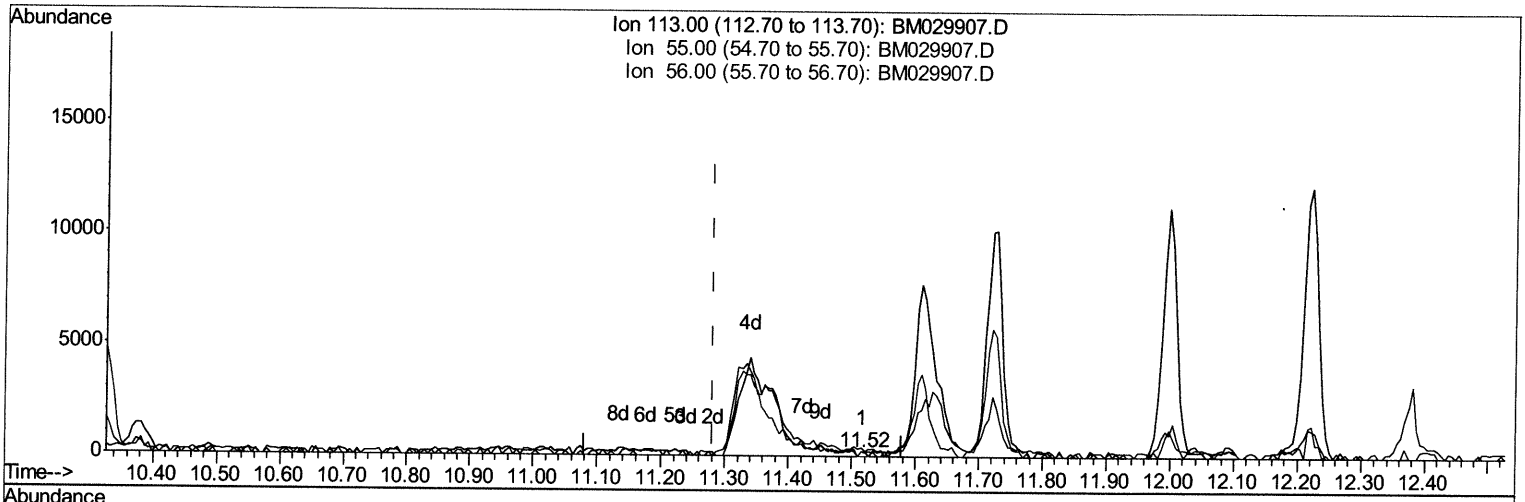

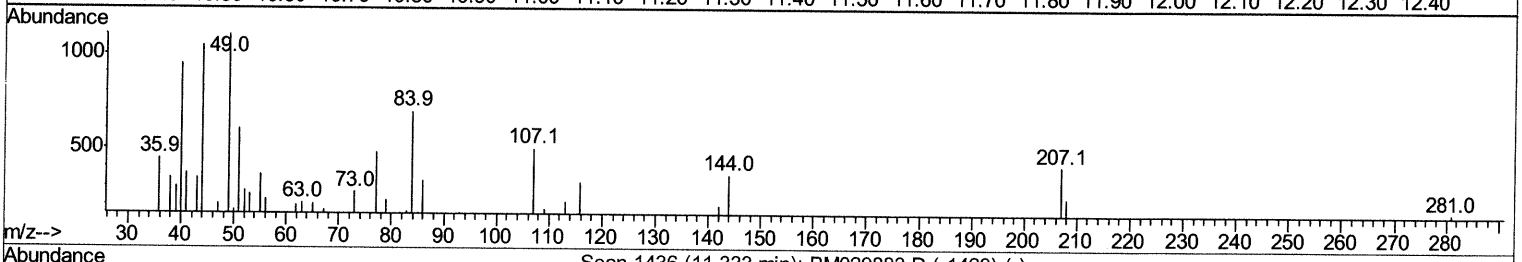

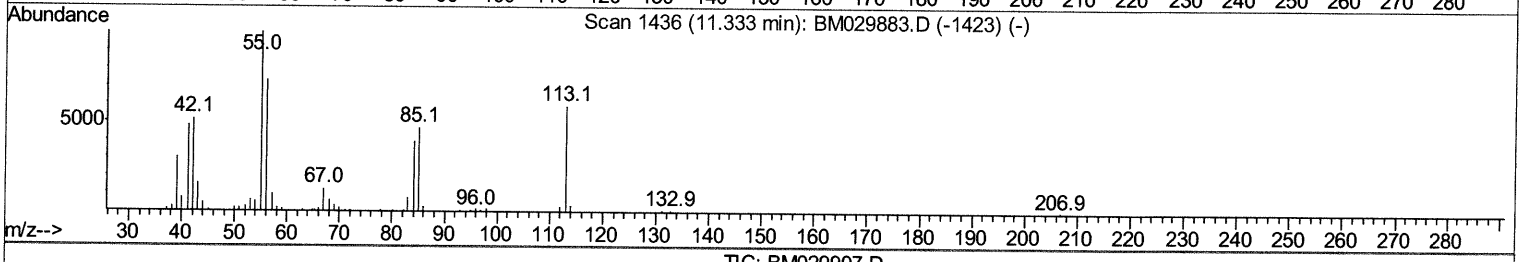

TIC: BM029907.D

(34) Caprolactam

11.516min (+0.235) 0.04ng/ul

response 146

Ion	Exp%	Act%
113.00	100	100
55.00	173.60	166.51
56.00	131.80	107.80
0.00	0.00	0.00

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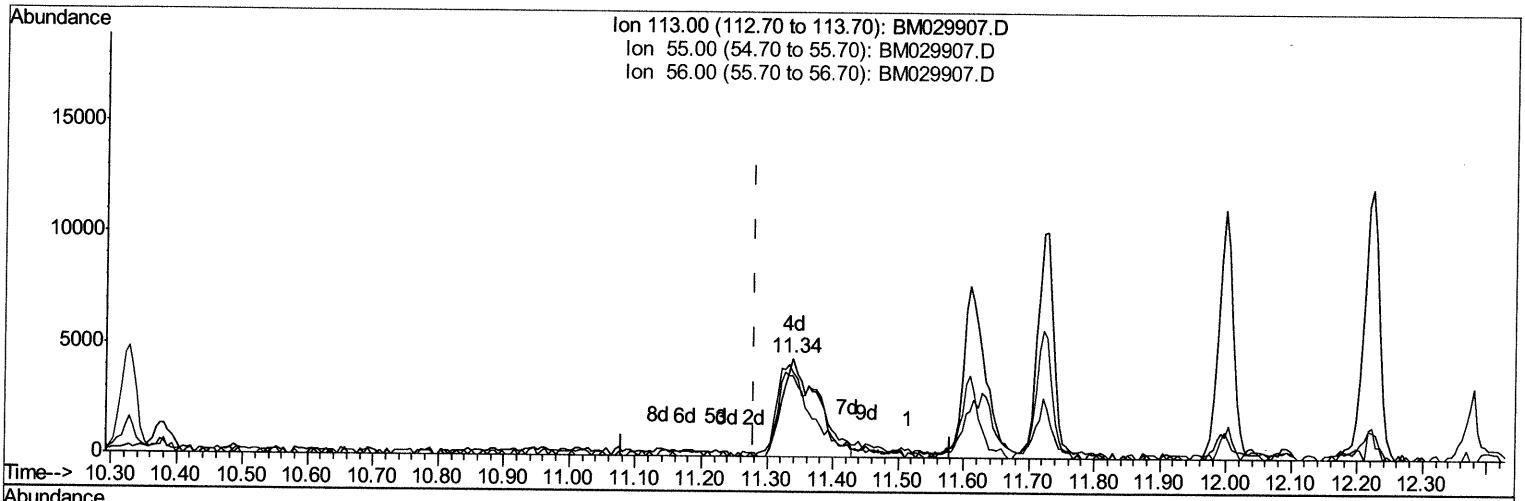

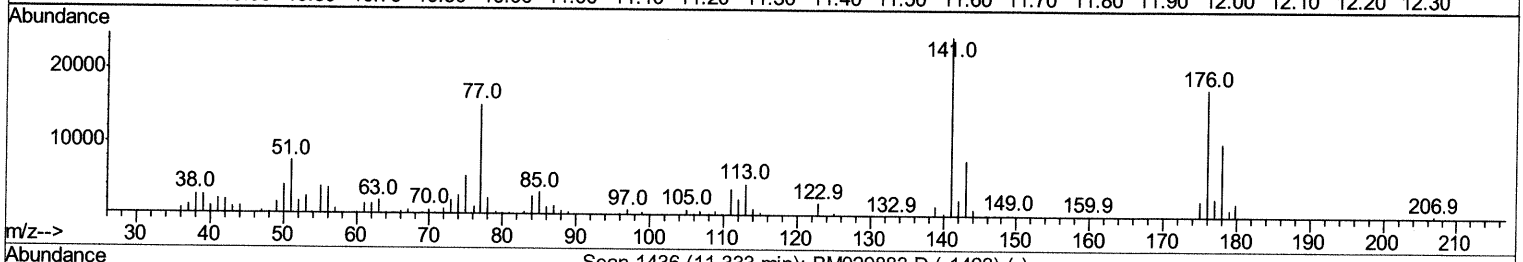

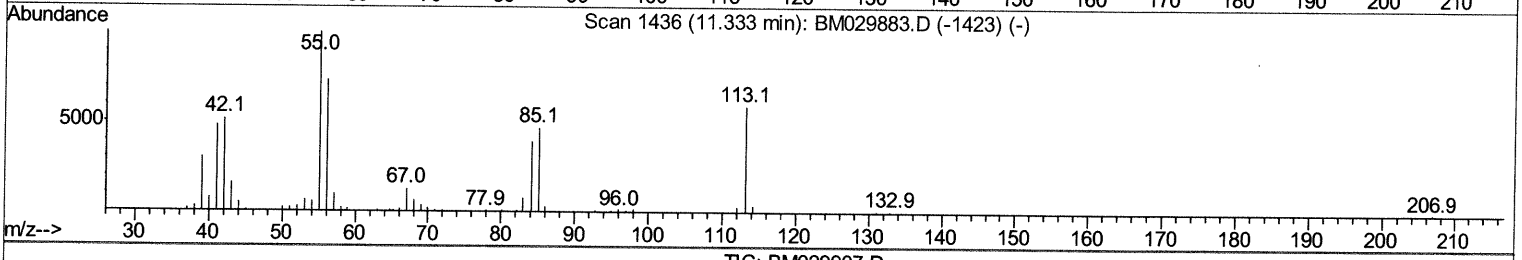

TIC: BM029907.D

(34) Caprolactam

11.339min (+0.059) 4.87ng/ul m 05/12/2021

response 16301

Ion	Exp%	Act%
113.00	100	100
55.00	173.60	86.39#
56.00	131.80	81.90#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	133639	20.00	ng/ul	0.00
20) Naphthalene-d8	10.33	136	615198	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	403084	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.95	188	833586	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	835125	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	675369	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	18066	5.40	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.75	99	31540	2.54	ng/ul	0.01
9) Bis-(2-Chloroethyl)ether-d	6.90	67	252876	32.81	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	330856	34.49	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	68992	6.71	ng/ul	0.00
21) Nitrobenzene-d5	8.71	128	165952	39.14	ng/ul	0.00
24) 2-Nitrophenol-d4	9.42	143	184690	38.60	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	359470	37.46	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	13667	0.94	ng/ul	0.01
46) Dimethylphthalate-d6	13.62	166	1291556	41.34	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	774520	19.56	ng/ul	0.00
54) 4-Nitrophenol-d4	14.44	143	36857	7.24	ng/ul	0.01
60) Fluorene-d10	15.20	176	1101743	41.54	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	221986	41.00	ng/ul	0.00
73) Anthracene-d10	17.04	188	1374390	32.74	ng/ul	0.00
81) Pyrene-d10	19.34	212	1815022	42.37	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.16	264	933349	24.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	10478	2.893	ng/uL#	84
6) Benzaldehyde	6.70	77	278555	43.421	ng/ul	99
8) Phenol	6.77	94	13842	1.091	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.99	93	337196	33.610	ng/ul	99
12) 2-Chlorophenol	7.12	128	381886	39.039	ng/ul	99
13) 2-Methylphenol	8.01	108	26305	2.736	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.09	45	545199	36.077	ng/ul	96
16) Acetophenone	8.37	105	549204	33.298	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.36	70	300305	35.586	ng/ul	99
18) 4-Methylphenol	8.34	108	28037	2.631	ng/ul	86
19) Hexachloroethane	8.62	117	139075	33.651	ng/ul	99
22) Nitrobenzene	8.75	77	437438	39.598	ng/ul	97
23) Isophorone	9.27	82	829344	35.493	ng/ul	99
25) 2-Nitrophenol	9.46	139	197930	38.100	ng/ul	98
26) 2,4-Dimethylphenol	9.53	107	36636	3.125	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.76	93	479592	35.043	ng/ul	99
29) 2,4-Dichlorophenol	9.99	162	347688	36.899	ng/ul	98
30) Naphthalene	10.37	128	1159833	33.966	ng/ul	100
33) Hexachlorobutadiene	10.66	225	208482	32.999	ng/ul	99
34) Caprolactam	11.34	113	16301m >	4.875	ng/ul >	05/12/21 JU
35) 4-Chloro-3-methylphenol	11.63	107	154199	14.788	ng/ul	97
36) 2-Methylnaphthalene	12.00	142	700570	28.283	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1-Methylnaphthalene	12.22	142	762222	31.050 ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	444040	35.649 ng/ul	99
40) Hexachlorocyclopentadiene	12.35	237	218870	33.828 ng/ul	98
41) 2,4,6-Trichlorophenol	12.62	196	293487	38.639 ng/ul	98
42) 2,4,5-Trichlorophenol	12.70	196	312505	38.875 ng/ul	100
43) 1,1'-Biphenyl	13.03	154	1172826	37.430 ng/ul	98
44) 2-Chloronaphthalene	13.07	162	905727	37.665 ng/ul	99
45) 2-Nitroaniline	13.29	65	199249	32.783 ng/ul	96
47) Dimethylphthalate	13.67	163	1321338	42.236 ng/ul	99
48) 2,6-Dinitrotoluene	13.79	165	265135	47.210 ng/ul	95
50) Acenaphthylene	13.92	152	921422	24.062 ng/ul	98
52) Acenaphthene	14.26	153	854463	31.573 ng/ul	99
53) 2,4-Dinitrophenol	14.34	184	129497	33.890 ng/ul	95
55) 4-Nitrophenol	14.46	109	23420	5.986 ng/ul	98
56) Dibenzofuran	14.60	168	1497953	40.412 ng/ul	97
57) 2,4-Dinitrotoluene	14.59	165	377303	45.401 ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.84	232	311330	40.671 ng/ul	98
59) Diethylphthalate	15.04	149	1349646	41.363 ng/ul	100
61) Fluorene	15.26	166	1302385	41.100 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.26	204	634001	40.717 ng/ul	98
63) 4-Nitroaniline	15.30	138	16689	2.669 ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.35	198	218126	40.934 ng/ul	98
67) N-Nitrosodiphenylamine	15.47	169	53700	1.983 ng/ul	95
68) 4-Bromophenyl-phenylether	16.14	248	393285	42.386 ng/ul	96
69) Hexachlorobenzene	16.26	284	450730	40.907 ng/ul	97
70) Atrazine	16.43	200	392631	39.300 ng/ul	100
71) Pentachlorophenol	16.61	266	236853	37.515 ng/ul	99
72) Phenanthrene	16.99	178	2005370	40.800 ng/ul	100
74) Anthracene	17.08	178	1793403	35.690 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.99	216	460601	34.932 ng/uL	97
76) Pentachlorobenzene	14.52	250	488030	38.810 ng/uL	98
77) Carbazole	17.36	167	983355	21.358 ng/ul	99
78) Di-n-butylphthalate	17.93	149	2430906	44.483 ng/ul	99
80) Fluoranthene	19.01	202	2394003	45.915 ng/ul	98
82) Pyrene	19.37	202	2418633	44.079 ng/ul	99
83) Butylbenzylphthalate	20.29	149	1047535	53.720 ng/ul	97
85) Benzo(a)anthracene	21.12	228	2299438	42.202 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.06	149	1611801	47.939 ng/ul	99
87) Chrysene	21.17	228	2295073	42.291 ng/ul	100
89) Di-n-octyl phthalate	21.92	149	2741920	53.054 ng/ul	100
90) Benzo(b)fluoranthene	22.65	252	2054938	46.908 ng/ul	100
91) Benzo(k)fluoranthene	22.69	252	2135694	46.371 ng/ul	99
93) Benzo(a)pyrene	23.20	252	1017738	25.580 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.44	276	1929634	40.070 ng/ul	99
95) Dibenzo(a,h)anthracene	25.46	278	1651753	40.465 ng/ul	99
96) Benzo(g,h,i)perylene	26.10	276	1524508	39.073 ng/ul	99

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