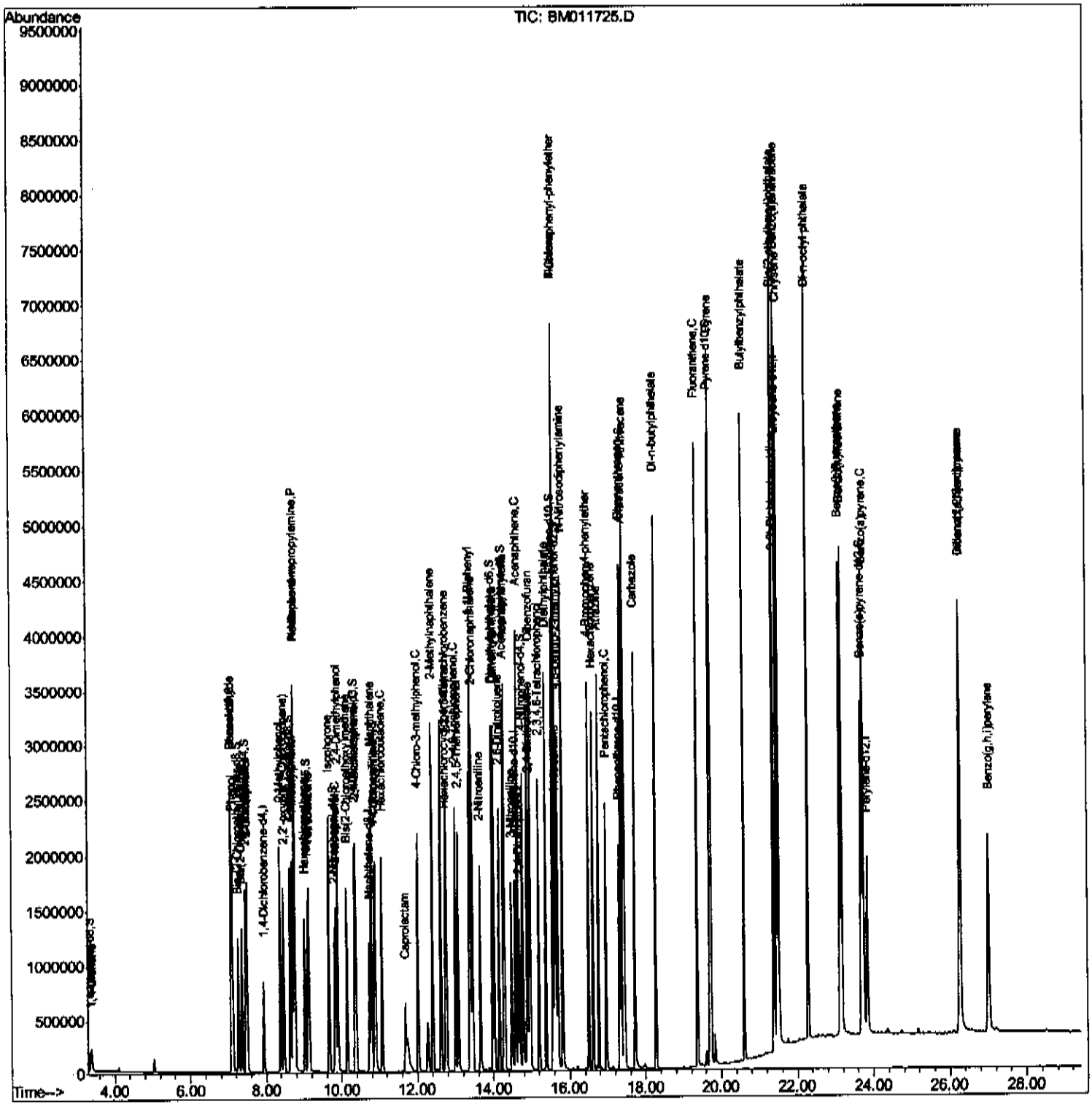
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM092717\
Data File : BM011725.D
Acq On : 27 Sep 2017 16:16
Operator : SJ/JU
Sample : SSTD04042
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 27 16:57:56 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 27 16:19:08 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD04042

Manual Integrations APPROVED
Sohil
9/29/2017 2:22:35 PM



Quantitation Report (Qedit)

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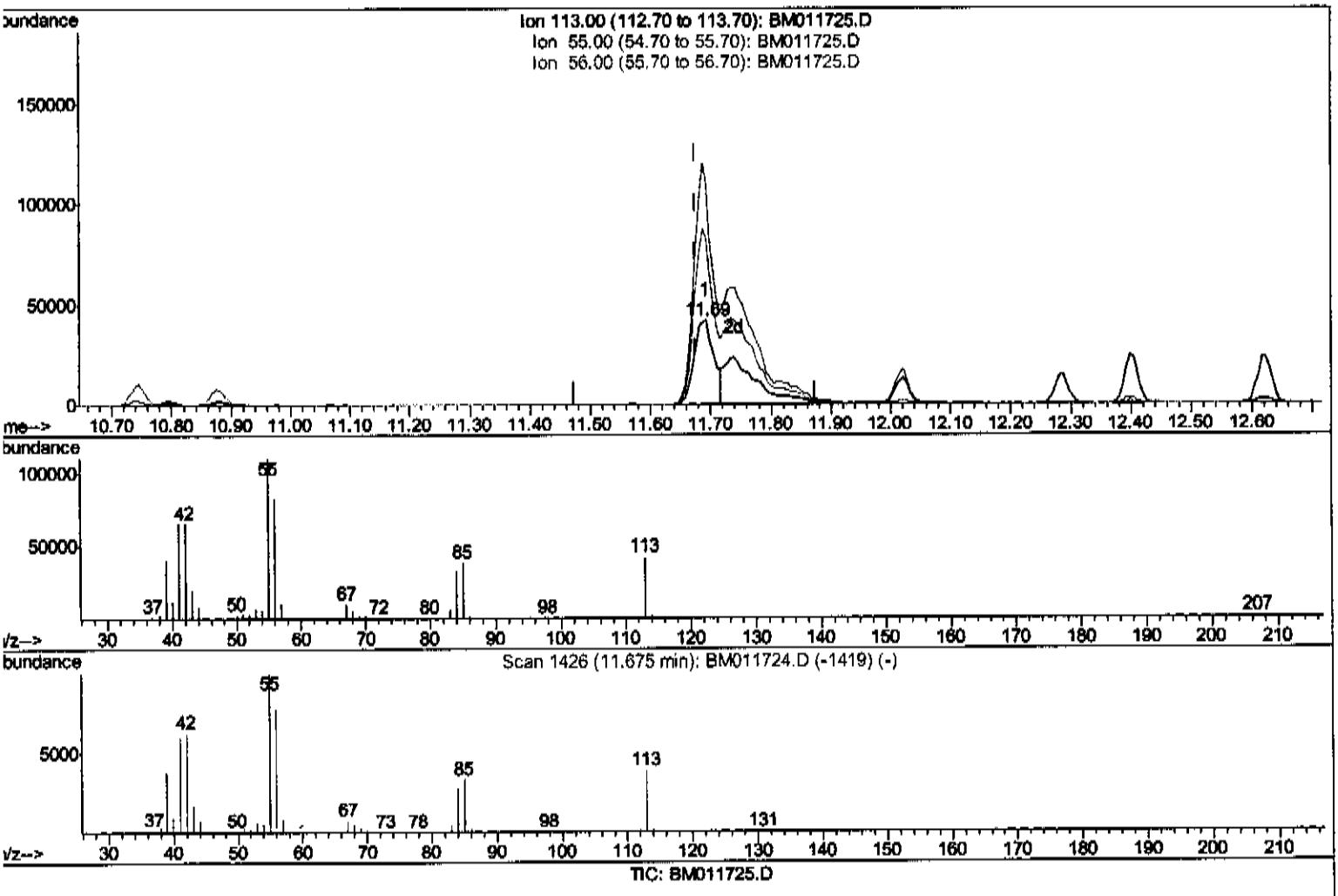

(32) Caprolactam

11.692min (+0.018) 18.20ng/ul

response 95983

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	262.95
56.00	200.00	196.43
0.00	0.00	0.00

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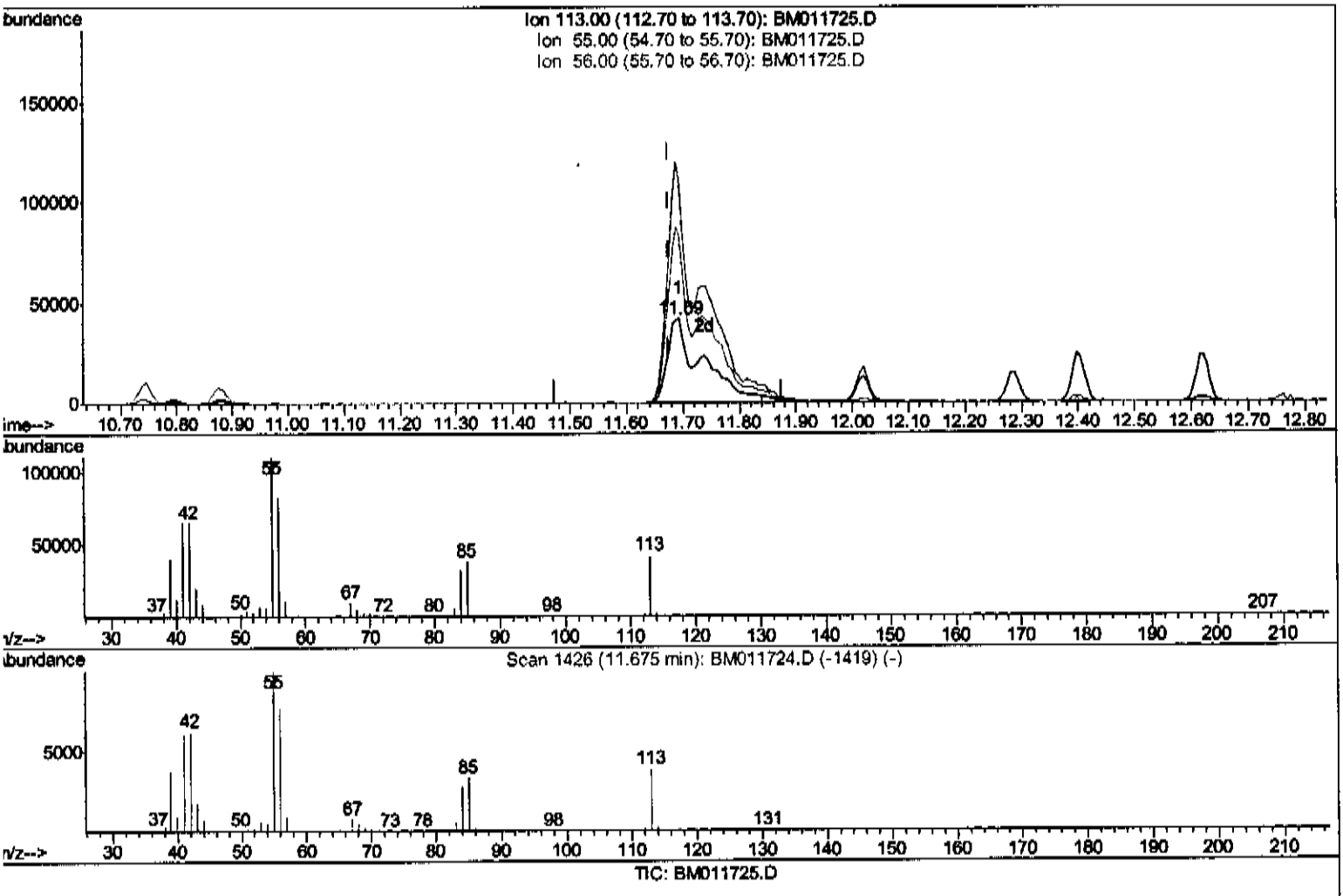

(32) Caprolactam

11.692min (+0.018) 34.53ng/ul m JU 10/5/17

response 182079

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	262.95
56.00	200.00	196.43
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
9/29/2017 2:22:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	199287	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	892145	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	524059	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1172629	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	1447479	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	1205803	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	70786	20.35	ng/uL	0.00
5) Phenol-d5	7.09	99	789510	41.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	572696	52.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	608334	45.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.64	113	619721	39.37	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	294405	46.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	325064	44.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	607037	39.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	737493	45.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.98	166	1830528	39.79	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	2253699	42.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	315622	38.99	ng/ul	0.00
57) Fluorene-d10	15.57	176	1600566	40.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.69	200	315360	43.79	ng/ul	0.00
70) Anthracene-d10	17.42	188	2487606	43.93	ng/ul	0.00
76) Pyrene-d10	19.70	212	2880173	42.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	2452187	42.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	80637	20.755	ng/uL#	1
4) Benzaldehyde	7.08	77	463959	41.525	ng/ul	96
6) Phenol	7.12	94	791385	40.473	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.36	93	609277	42.800	ng/ul#	76
10) 2-Chlorophenol	7.50	128	588630	44.218	ng/ul#	84
11) 2-Methylphenol	8.37	108	580751	38.967	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.47	45	1307793	131.604	ng/ul	97
14) Acetophenone	8.76	105	986724	38.394	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.75	70	576400	41.622	ng/ul	96
16) 4-Methylphenol	8.70	108	644977	39.334	ng/ul	96
17) Hexachloroethane	9.02	117	255594	43.178	ng/ul#	69
20) Nitrobenzene	9.15	77	801025	43.132	ng/ul	98
21) Isophorone	9.67	82	1504452	40.757	ng/ul#	97
23) 2-Nitrophenol	9.86	139	331344	42.601	ng/ul#	85
24) 2,4-Dimethylphenol	9.91	107	744285	37.623	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.15	93	865067	42.261	ng/ul	94
27) 2,4-Dichlorophenol	10.39	162	573034	38.133	ng/ul#	88
28) Naphthalene	10.80	128	1901846	42.837	ng/ul	99
30) 4-Chloroaniline	10.90	127	700065	42.792	ng/ul	95
31) Hexachlorobutadiene	11.07	225	385760	34.040	ng/ul	95
32) Caprolactam	11.69	113	182079m	34.525	ng/ul	99
33) 4-Chloro-3-methylphenol	12.02	107	654486	34.147	ng/ul	99
34) 2-Methylnaphthalene	12.40	142	1366168	38.280	ng/ul	98

JU 10/5/17

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Sohil
9/29/2017 2:22:35 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.77	216	719855	38.921 ng/ul#	97
37) Hexachlorocyclopentadiene	12.75	237	446473	41.993 ng/ul	100
38) 2,4,6-Trichlorophenol	13.00	196	476146	37.698 ng/ul	98
39) 2,4,5-Trichlorophenol	13.08	196	489929	37.567 ng/ul	99
40) 1,1'-Biphenyl	13.41	154	1749578	42.703 ng/ul#	98
41) 2-Chloronaphthalene	13.45	162	1344208	41.695 ng/ul	97
42) 2-Nitroaniline	13.66	65	553736	58.713 ng/ul	84
44) Dimethylphthalate	14.03	163	1742179	38.634 ng/ul	99
45) 2,6-Dinitrotoluene	14.15	165	339869	43.512 ng/ul#	85
47) Acenaphthylene	14.30	152	2243226	44.014 ng/ul	100
48) 3-Nitroaniline	14.48	138	345136	43.811 ng/ul#	98
49) Acenaphthene	14.64	153	1510487	43.934 ng/ul	99
50) 2,4-Dinitrophenol	14.69	184	210185	37.154 ng/ul#	67
52) 4-Nitrophenol	14.78	109	311600	30.335 ng/ul	96
53) Dibenzofuran	14.97	168	2058789	39.541 ng/ul	94
54) 2,4-Dinitrotoluene	14.94	165	484857	40.011 ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.20	232	455426	34.517 ng/ul#	85
56) Diethylphthalate	15.39	149	1846528	38.919 ng/ul	93
58) Fluorene	15.62	166	1800628	41.305 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.61	204	905851	38.234 ng/ul	95
60) 4-Nitroaniline	15.64	138	358836	38.566 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.70	198	322029	41.962 ng/ul	98
64) N-Nitrosodiphenylamine	15.82	169	1441588	44.328 ng/ul	97
65) 4-Bromophenyl-phenylether	16.50	248	535936	39.917 ng/ul	93
66) Hexachlorobenzene	16.62	284	596277	42.170 ng/ul#	89
67) Atrazine	16.77	200	547581	39.967 ng/ul	96
68) Pentachlorophenol	16.96	266	368477	36.962 ng/ul	98
69) Phenanthrene	17.36	178	2685614	43.079 ng/ul	98
71) Anthracene	17.45	178	2828285	44.036 ng/ul	98
72) Carbazole	17.72	167	2358922	42.098 ng/ul	98
73) Di-n-butylphthalate	18.27	149	3221495	45.213 ng/ul	98
74) Fluoranthene	19.37	202	3293955	40.999 ng/ul#	90
77) Pyrene	19.73	202	3568977	42.688 ng/ul#	89
78) Butylbenzylphthalate	20.61	149	1515527	48.218 ng/ul#	95
79) 3,3'-Dichlorobenzidine	21.40	252	1122288	38.758 ng/ul#	96
80) Benzo(a)anthracene	21.47	228	3366424	39.938 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.38	149	2268329	47.303 ng/ul#	96
82) Chrysene	21.52	228	3136011	41.727 ng/ul	98
84) Di-n-octyl phthalate	22.29	149	3848270	45.672 ng/ul#	83
85) Benzo(b)fluoranthene	23.13	252	3029096	38.699 ng/ul#	97
86) Benzo(k)fluoranthene	23.18	252	3177846	42.826 ng/ul#	97
88) Benzo(a)pyrene	23.74	252	2974419	41.277 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.27	276	2961877	39.631 ng/ul#	91
90) Dibenzo(a,h)anthracene	26.28	278	2537314	40.739 ng/ul#	95
91) Benzo(g,h,i)perylene	27.02	276	2379518	39.996 ng/ul#	92

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