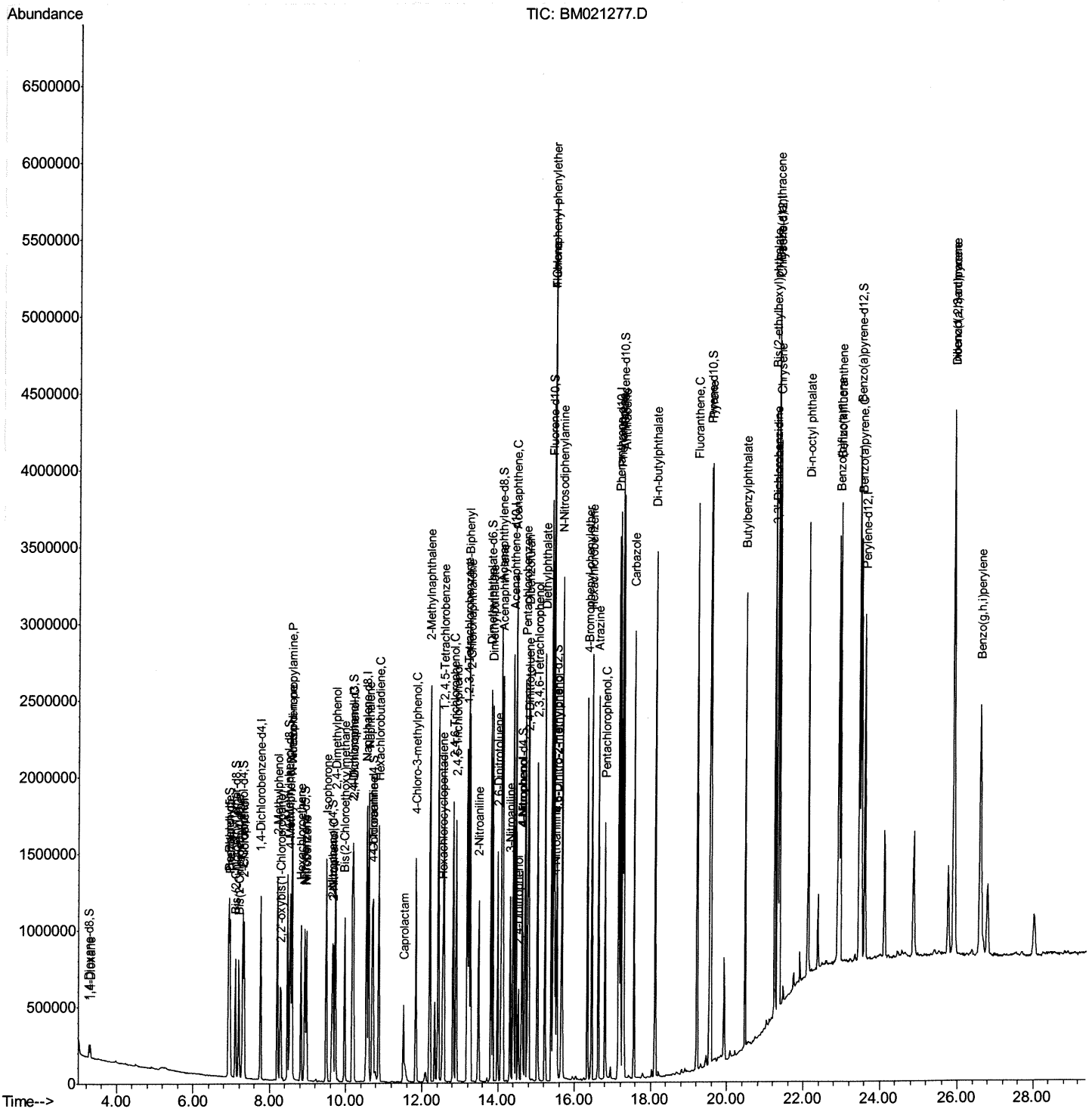
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062919\
Data File : BM021277.D
Acq On : 30 Jun 2019 00:18
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 30 03:36:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 29 23:19:36 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02054

Manual Integrations APPROVED
mohammad
7/1/2019 2:43:34 PM



Quantitation Report (Qedit)

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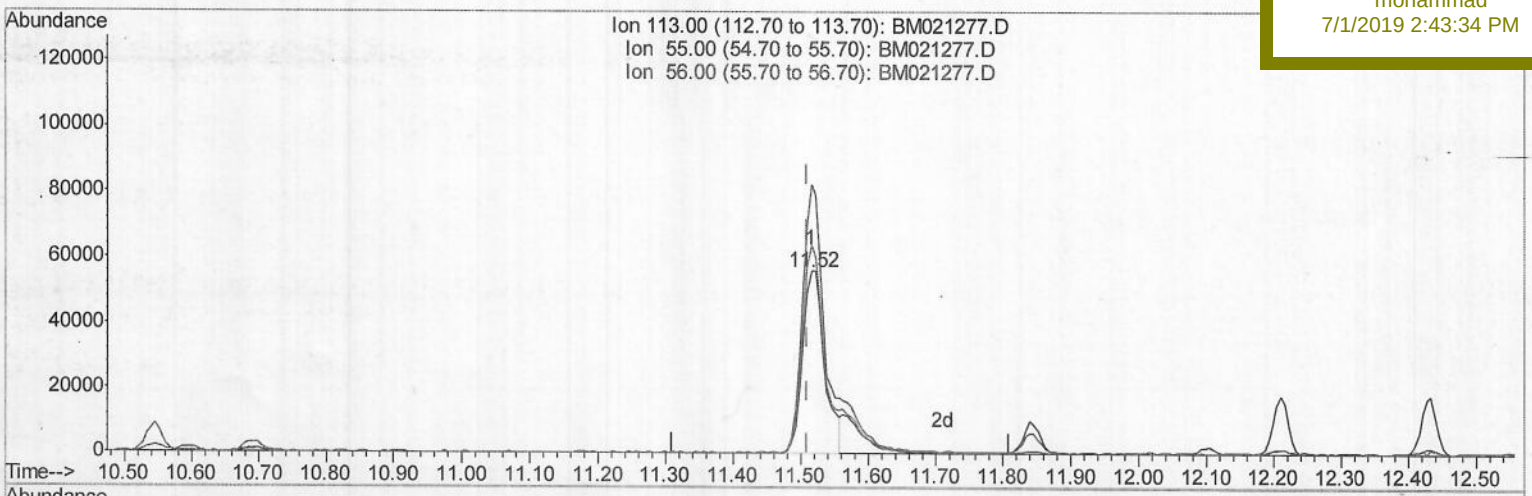

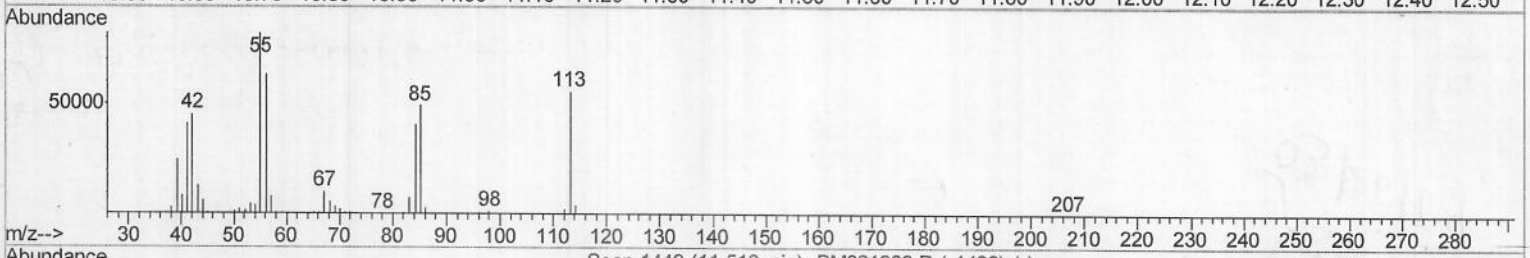

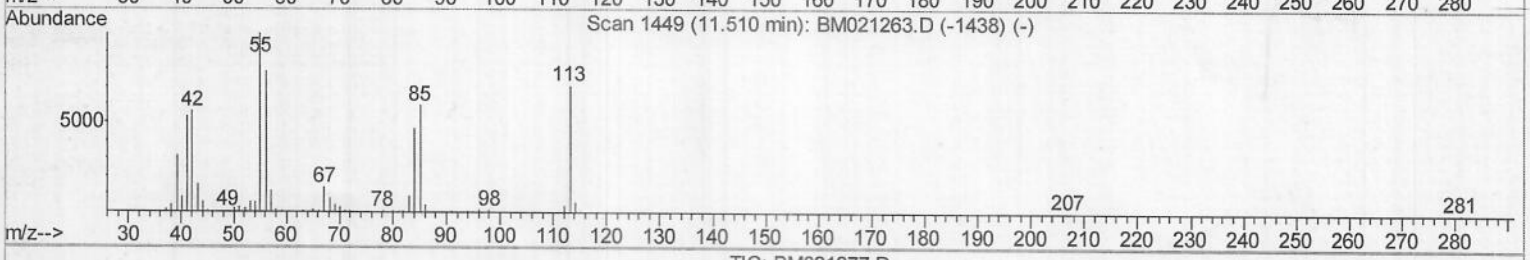

TIC: BM021277.D

(32) Caprolactam

11.516min (+0.006) 18.10ng/ul

response 127166

Ion	Exp%	Act%
113.00	100	100
55.00	144.70	146.88
56.00	113.80	114.14
0.00	0.00	0.00

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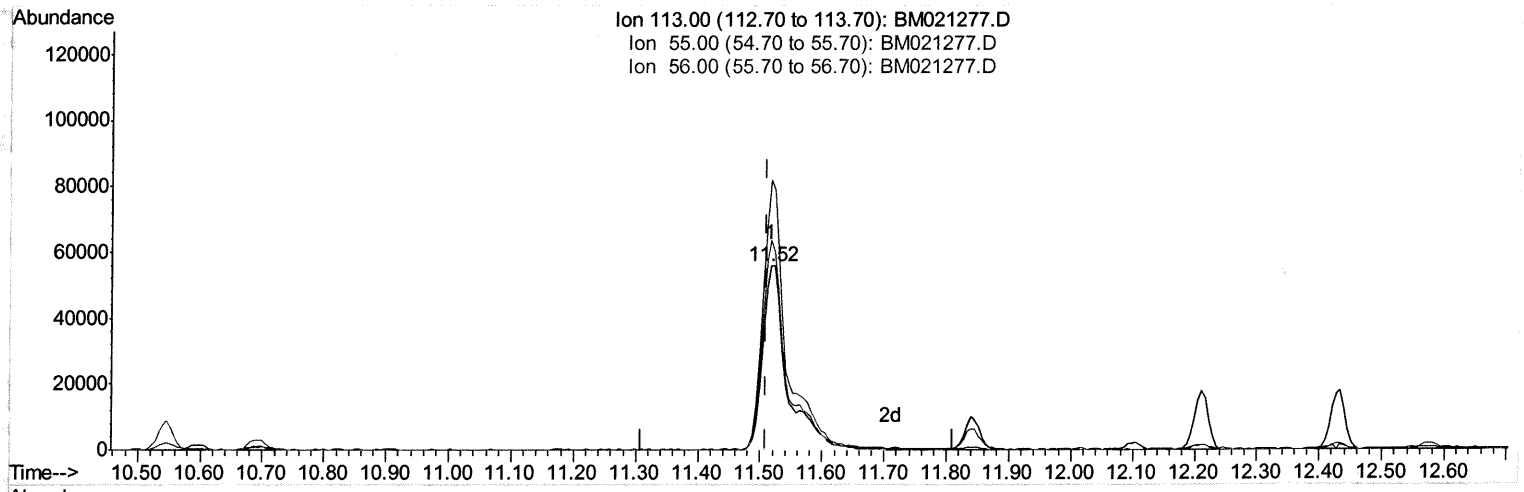

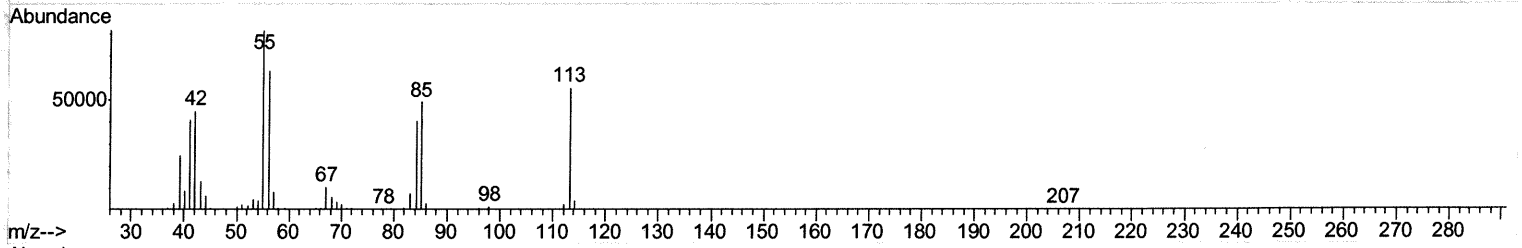

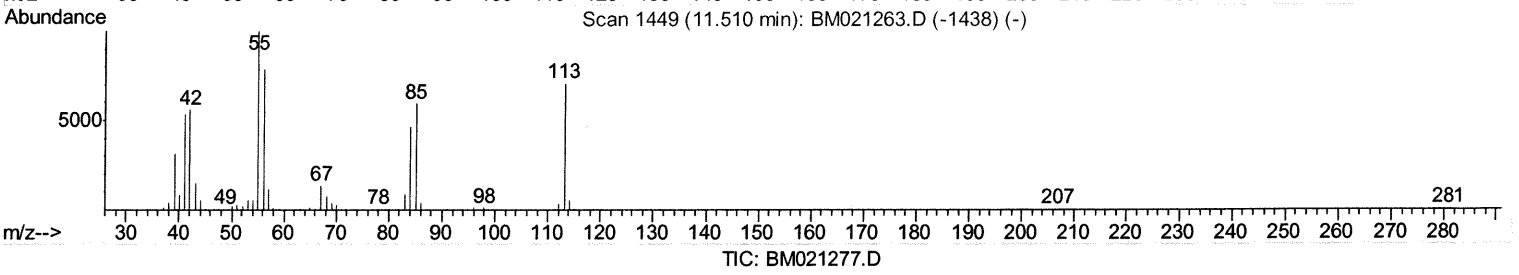

TIC: BM021277.D

(32) Caprolactam

11.516min (+0.006) 21.99ng/ul m JG 07/01/19

response 154500

Ion	Exp%	Act%
113.00	100	100
55.00	144.70	146.88
56.00	113.80	114.14
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	7.76	152	336440	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1497931	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	947347	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	2042612	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1465171	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1688413	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	44026	6.21	ng/uL	0.00
5) Phenol-d5	6.93	99	596150	20.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	338672	19.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	494296	20.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	506129	20.70	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	256496	21.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	309609	22.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	605296	22.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	560278	19.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1739492	20.32	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2174629	20.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	258394	18.56	ng/ul	0.00
57) Fluorene-d10	15.40	176	1496200	20.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	253612	20.20	ng/ul	0.00
70) Anthracene-d10	17.25	188	2165740	20.40	ng/ul	0.00
78) Pyrene-d10	19.54	212	1932694	21.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2035943	20.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	46382	6.469	ng/uL	96
4) Benzaldehyde	6.92	77	225982	16.927	ng/ul	99
6) Phenol	6.96	94	553598	19.986	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.19	93	418074	19.776	ng/ul	99
10) 2-Chlorophenol	7.32	128	461681	20.589	ng/ul	98
11) 2-Methylphenol	8.20	108	444668	20.748	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.28	45	519214	19.234	ng/ul	99
14) Acetophenone	8.59	105	729856	20.746	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.57	70	374701	20.464	ng/ul	97
16) 4-Methylphenol	8.53	108	481138	20.630	ng/ul	96
17) Hexachloroethane	8.82	117	184912	19.784	ng/ul	97
20) Nitrobenzene	8.96	77	541900	19.832	ng/ul	100
21) Isophorone	9.49	82	1039265	20.196	ng/ul	98
23) 2-Nitrophenol	9.67	139	293747	21.637	ng/ul	99
24) 2,4-Dimethylphenol	9.73	107	565444	20.387	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.96	93	628190	19.809	ng/ul	99
27) 2,4-Dichlorophenol	10.20	162	540880	21.641	ng/ul	96
28) Naphthalene	10.60	128	1554909	20.218	ng/ul	99
30) 4-Chloroaniline	10.72	127	528817	19.635	ng/ul	99
31) Hexachlorobutadiene	10.86	225	354802	20.835	ng/ul	98
32) Caprolactam	11.52	113	154500m	21.989	ng/ul	
33) 4-Chloro-3-methylphenol	11.84	107	539866	21.187	ng/ul	99
34) 2-Methylnaphthalene	12.21	142	1210477	20.527	ng/ul	98

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Manual Integrations APPROVED
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7/1/2019 2:43:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.58	216	719914	21.287	ng/ul	99
37) Hexachlorocyclopentadiene	12.55	237	291898	14.508	ng/ul	97
38) 2,4,6-Trichlorophenol	12.83	196	471870	22.452	ng/ul	97
39) 2,4,5-Trichlorophenol	12.90	196	496156	22.101	ng/ul	98
40) 1,1'-Biphenyl	13.23	154	1595703	20.419	ng/ul	99
41) 2-Chloronaphthalene	13.27	162	1274278	20.639	ng/ul	100
42) 2-Nitroaniline	13.49	65	312181	20.805	ng/ul	98
44) Dimethylphthalate	13.86	163	1565412	20.090	ng/ul	99
45) 2,6-Dinitrotoluene	13.99	165	325181	21.865	ng/ul	92
47) Acenaphthylene	14.12	152	1862534	20.761	ng/ul	99
48) 3-Nitroaniline	14.32	138	301528	23.160	ng/ul	98
49) Acenaphthene	14.46	153	1334233	20.286	ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	139982	18.736	ng/ul	95
52) 4-Nitrophenol	14.64	109	188095	18.264	ng/ul	97
53) Dibenzofuran	14.80	168	1881391	20.090	ng/ul	97
54) 2,4-Dinitrotoluene	14.78	165	461197	21.370	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.03	232	425616	21.741	ng/ul	99
56) Diethylphthalate	15.23	149	1529317	20.342	ng/ul	99
58) Fluorene	15.45	166	1536420	20.193	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.45	204	845044	20.371	ng/ul	100
60) 4-Nitroaniline	15.49	138	280687	20.283	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.55	198	249820	19.820	ng/ul	95
64) N-Nitrosodiphenylamine	15.67	169	1318182	21.308	ng/ul	100
65) 4-Bromophenyl-phenylether	16.34	248	541888	21.634	ng/ul	99
66) Hexachlorobenzene	16.45	284	613377	21.366	ng/ul	97
67) Atrazine	16.62	200	474735	21.153	ng/ul	97
68) Pentachlorophenol	16.80	266	321772	22.354	ng/ul	98
69) Phenanthrene	17.19	178	2277912	20.164	ng/ul	99
71) Anthracene	17.29	178	2333137	20.267	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.19	216	716119	22.286	ng/uL	98
73) Pentachlorobenzene	14.72	250	723272	21.875	ng/uL	98
74) Carbazole	17.56	167	1876713	19.781	ng/ul	100
75) Di-n-butylphthalate	18.12	149	2449215	21.502	ng/ul	100
76) Fluoranthene	19.21	202	2328407	19.076	ng/ul	100
79) Pyrene	19.57	202	2269463	21.910	ng/ul	100
80) Butylbenzylphthalate	20.47	149	906041	23.630	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.26	252	596912	18.177	ng/ul	99
82) Benzo(a)anthracene	21.32	228	2055707	20.580	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	1265201	23.176	ng/ul	100
84) Chrysene	21.37	228	1901734	20.328	ng/ul	99
86) Di-n-octyl phthalate	22.13	149	1993007	20.485	ng/ul	100
87) Benzo(b)fluoranthene	22.92	252	2114068	19.766	ng/ul	100
88) Benzo(k)fluoranthene	22.97	252	2008297	19.518	ng/ul	99
90) Benzo(a)pyrene	23.51	252	2027676	20.143	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.90	276	2589136	21.842	ng/ul	99
92) Dibenzo(a,h)anthracene	25.91	278	2163514	21.696	ng/ul	99
93) Benzo(g,h,i)perylene	26.60	276	2128258	21.799	ng/ul	98

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