Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
Data File : BM024036.D
Acq On : 11 Dec 2019 16:41
Operator : JU
Sample : BS-ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 12 03:14:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 07 04:26:57 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BS-ME

Manual Integrations APPROVED
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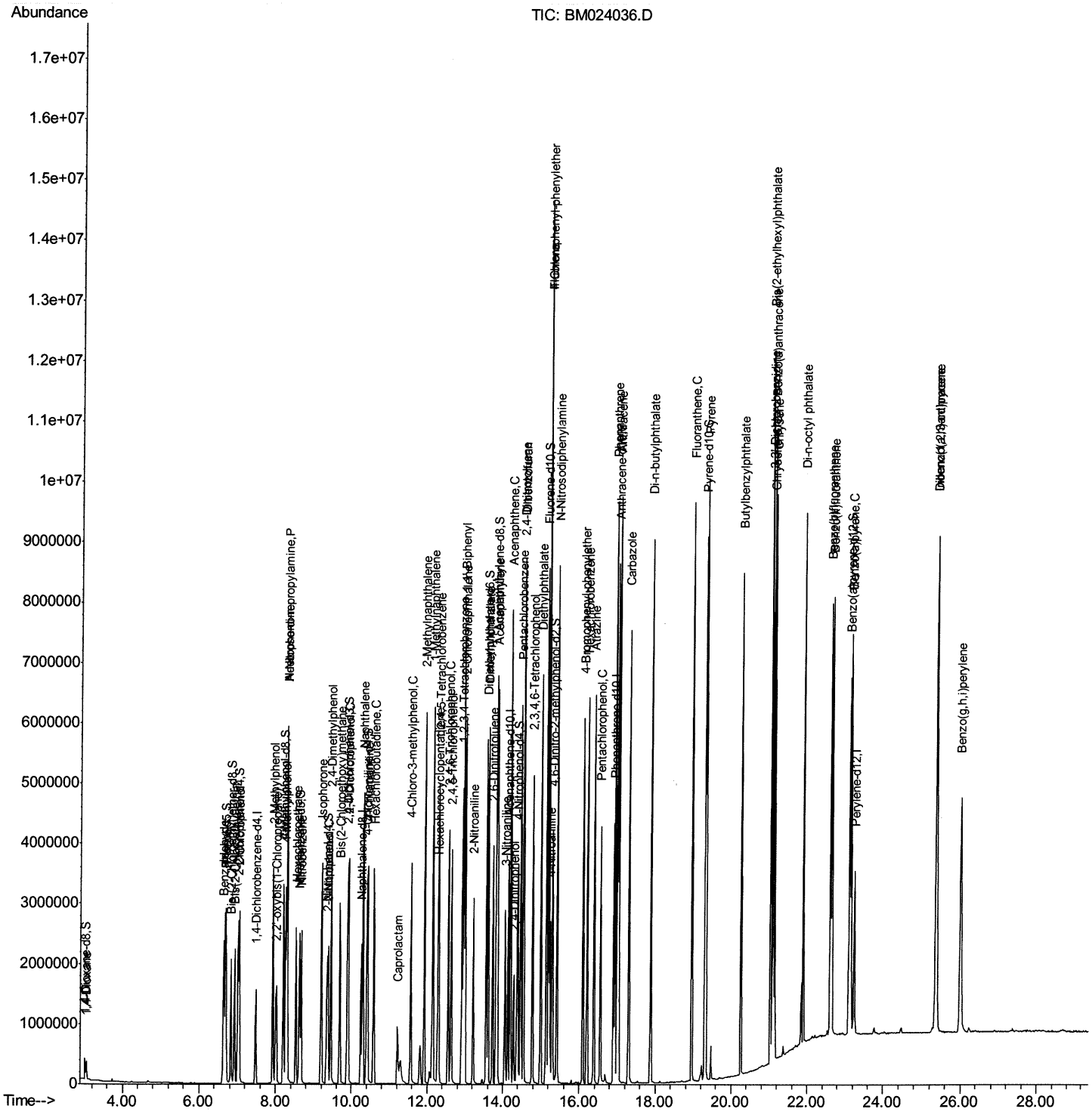

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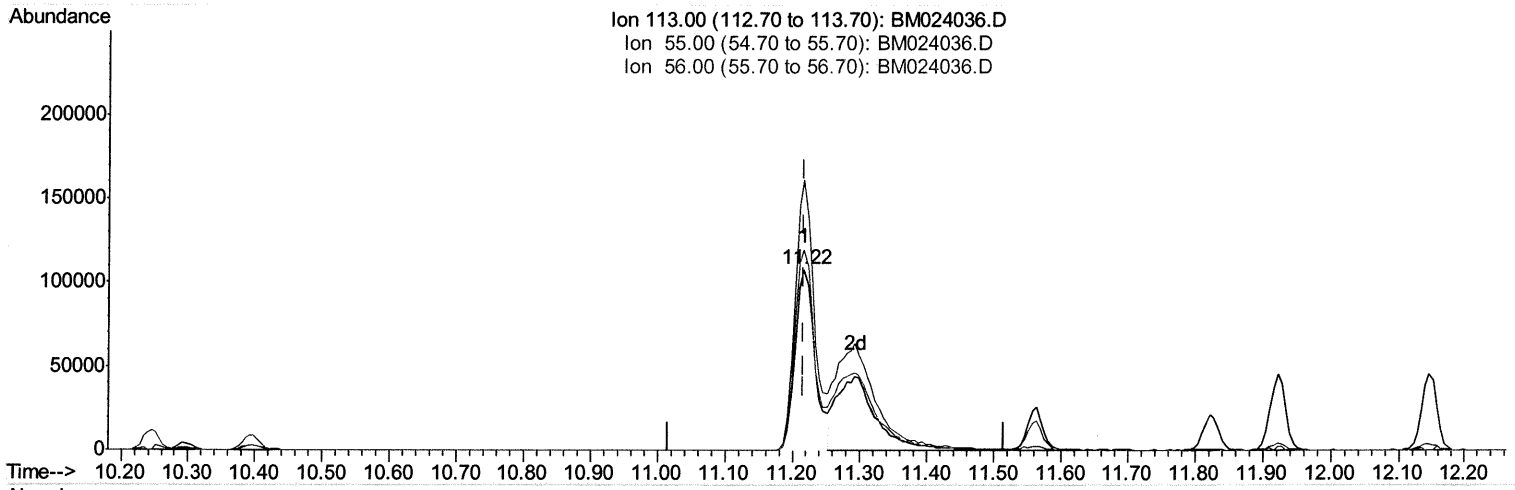

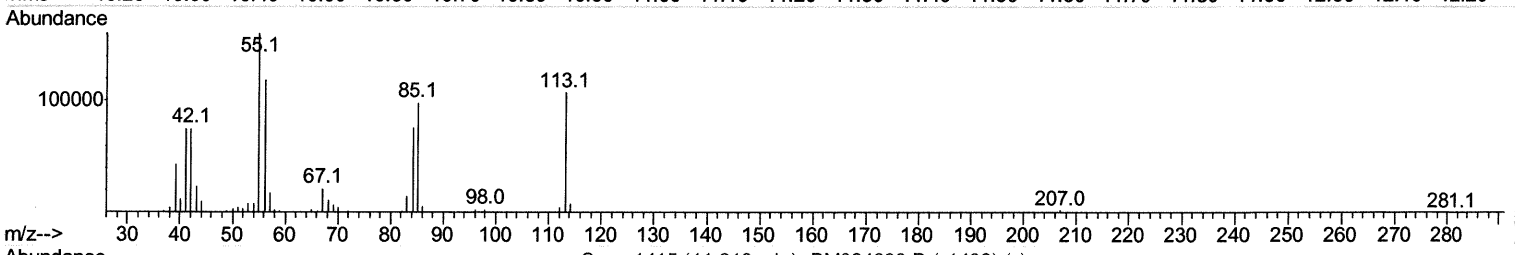

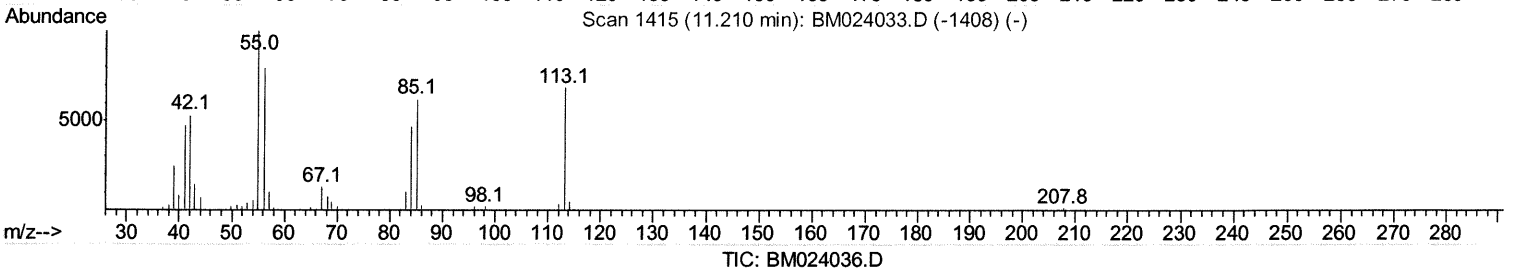

TIC: BM024036.D

(32) Caprolactam

11.216min (+0.000) 24.21ng/ul

response 216506

Ion	Exp%	Act%
113.00	100	100
55.00	137.60	149.35
56.00	106.90	110.87
0.00	0.00	0.00

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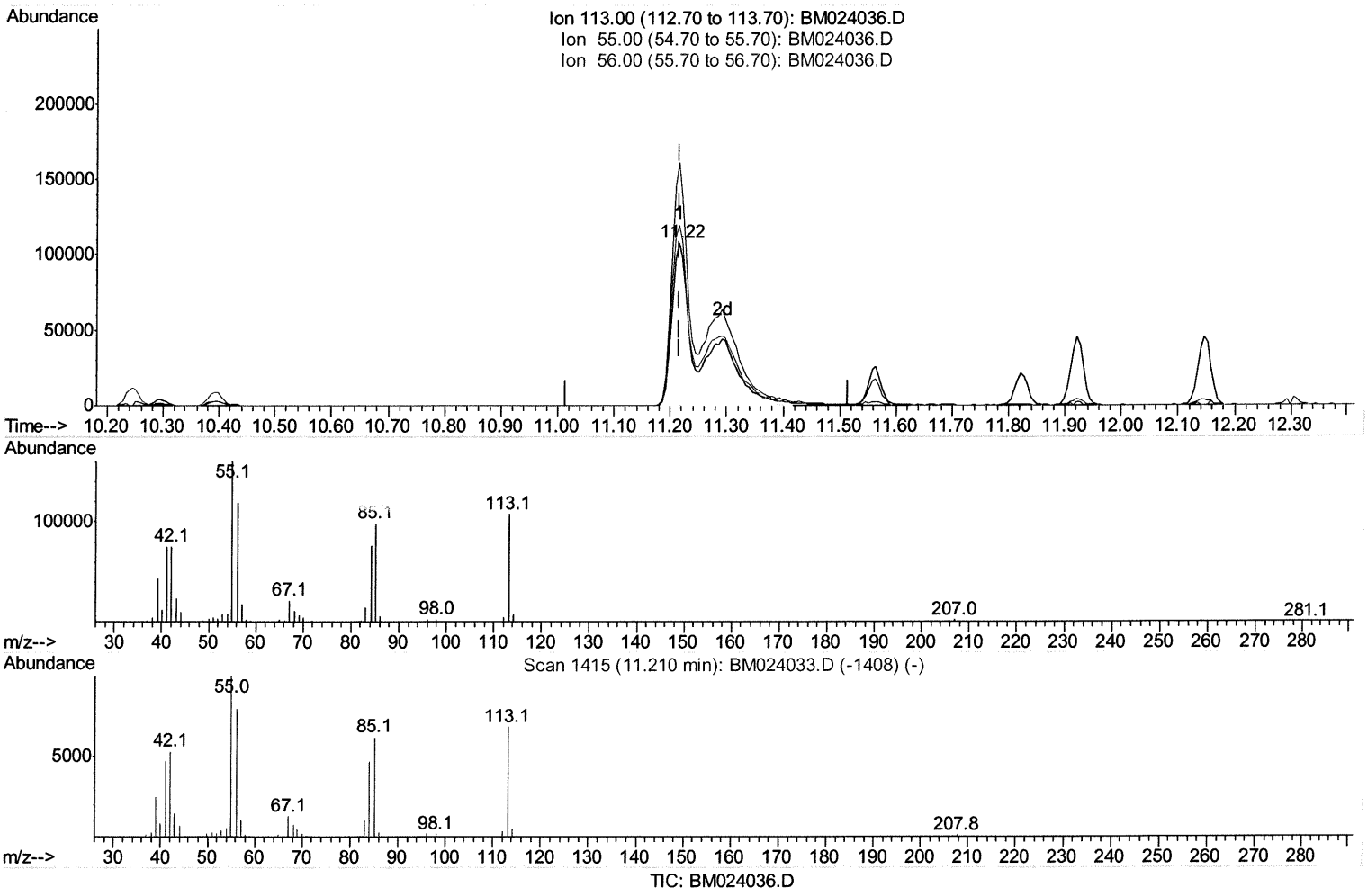

(32) Caprolactam

11.216min (+0.000) 44.16ng/ul m Ju 12/13/19

response 394981

Ion	Exp%	Act%
113.00	100	100
55.00	137.60	149.35
56.00	106.90	110.87
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	7.48	152	416739	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1844997	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	1201129	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	2415718	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1777183	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	1894797	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	163681	17.48	ng/uL	0.00
5) Phenol-d5	6.67	99	1550004	42.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	938593	44.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	1179660	41.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	1237502	42.94	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	585262	40.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	671781	41.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	1273033	41.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	1548954	45.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	3812535	40.85	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	4444748	40.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	630084	40.16	ng/ul	0.00
58) Fluorene-d10	15.14	176	3191758	40.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	639354	42.16	ng/ul	0.00
71) Anthracene-d10	16.99	188	4679244	40.56	ng/ul	0.00
79) Pyrene-d10	19.30	212	4340315	47.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	4123308	41.17	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	175903	17.511	ng/uL	96
4) Benzaldehyde	6.63	77	905032	47.050	ng/ul	96
6) Phenol	6.69	94	1584897	42.182	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.92	93	1221825	41.823	ng/ul	97
10) 2-Chlorophenol	7.05	128	1200887	41.573	ng/ul	99
11) 2-Methylphenol	7.93	108	1166465	41.617	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.01	45	1397830	44.066	ng/ul	98
14) Acetophenone	8.30	105	1883070	42.742	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.30	70	1080477	45.868	ng/ul	100
16) 4-Methylphenol	8.26	108	1285484	42.144	ng/ul	99
17) Hexachloroethane	8.53	117	495745	41.606	ng/ul	97
20) Nitrobenzene	8.67	77	1490391	42.843	ng/ul	98
21) Isophorone	9.20	82	2855456	43.238	ng/ul	99
23) 2-Nitrophenol	9.37	139	714912	41.518	ng/ul	96
24) 2,4-Dimethylphenol	9.45	107	1458864	41.986	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.69	93	1765711	42.616	ng/ul	98
27) 2,4-Dichlorophenol	9.91	162	1206027	40.720	ng/ul	98
28) Naphthalene	10.30	128	3881409	39.904	ng/ul	99
30) 4-Chloroaniline	10.42	127	1564400	44.946	ng/ul	99
31) Hexachlorobutadiene	10.59	225	739886	39.562	ng/ul	96
32) Caprolactam	11.22	113	394981m >	44.164	ng/ul >	JU 12/13/19
33) 4-Chloro-3-methylphenol	11.56	107	1360244	43.393	ng/ul	100
34) 2-Methylnaphthalene	11.92	142	2907840	41.172	ng/ul	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	2848344	41.078 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	1450645	38.720 ng/ul	99
38) Hexachlorocyclopentadiene	12.28	237	615510	35.257 ng/ul	99
39) 2,4,6-Trichlorophenol	12.56	196	986105	40.404 ng/ul	98
40) 2,4,5-Trichlorophenol	12.63	196	1061767	40.923 ng/ul	99
41) 1,1'-Biphenyl	12.96	154	3821048	39.373 ng/ul	100
42) 2-Chloronaphthalene	13.00	162	2925185	39.392 ng/ul	99
43) 2-Nitroaniline	13.22	65	887309	45.972 ng/ul	98
45) Dimethylphthalate	13.61	163	3722860	40.750 ng/ul	100
46) 2,6-Dinitrotoluene	13.73	165	788922	44.137 ng/ul	99
48) Acenaphthylene	13.86	152	4469795	40.412 ng/ul	99
49) 3-Nitroaniline	14.06	138	714770	42.761 ng/ul	98
50) Acenaphthene	14.20	153	3131224	39.848 ng/ul	99
51) 2,4-Dinitrophenol	14.28	184	411154	43.151 ng/ul	98
53) 4-Nitrophenol	14.39	109	486257	42.058 ng/ul	95
54) Dibenzofuran	14.54	168	4457965	40.098 ng/ul	98
55) 2,4-Dinitrotoluene	14.53	165	1122263	43.166 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.77	232	931510	40.756 ng/ul	99
57) Diethylphthalate	14.99	149	3823577	41.826 ng/ul	99
59) Fluorene	15.20	166	3655815	40.773 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.20	204	1819714	40.285 ng/ul	98
61) 4-Nitroaniline	15.23	138	692134	36.705 ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.30	198	670307	41.159 ng/ul#	97
65) N-Nitrosodiphenylamine	15.42	169	3164679	41.368 ng/ul	99
66) 4-Bromophenyl-phenylether	16.09	248	1199633	40.733 ng/ul	98
67) Hexachlorobenzene	16.20	284	1373199	40.228 ng/ul	98
68) Atrazine	16.38	200	1114297	41.549 ng/ul	99
69) Pentachlorophenol	16.55	266	758616	39.218 ng/ul	96
70) Phenanthrene	16.93	178	5491621	40.241 ng/ul	99
72) Anthracene	17.03	178	5628409	40.623 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	1434005	39.469 ng/uL	98
74) Pentachlorobenzene	14.46	250	1558681	39.895 ng/uL	98
75) Carbazole	17.30	167	4762971	39.700 ng/ul	100
76) Di-n-butylphthalate	17.88	149	6217781	41.679 ng/ul	99
77) Fluoranthene	18.96	202	5677923	38.797 ng/ul	98
80) Pyrene	19.33	202	5598583	46.755 ng/ul	98
81) Butylbenzylphthalate	20.25	149	2352973	46.254 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.02	252	1635633	36.400 ng/ul	99
83) Benzo(a)anthracene	21.09	228	4785793	40.289 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	3365881	44.517 ng/ul	99
85) Chrysene	21.13	228	4453701	39.925 ng/ul	98
87) Di-n-octyl phthalate	21.89	149	5167843	46.643 ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	4877171	41.622 ng/ul	99
89) Benzo(k)fluoranthene	22.64	252	4584104	41.211 ng/ul	98
91) Benzo(a)pyrene	23.14	252	4548310	41.052 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.36	276	5610216	40.779 ng/ul	98
93) Dibenzo(a,h)anthracene	25.37	278	4710437	40.763 ng/ul	99
94) Benzo(g,h,i)perylene	26.00	276	4631234	40.195 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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