Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM121520\
Data File : BM028123.D
Acq On : 15 Dec 2020 12:21
Operator : JU/CG
Sample : SSTD02001
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 15 13:35:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 12:58:02 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02001

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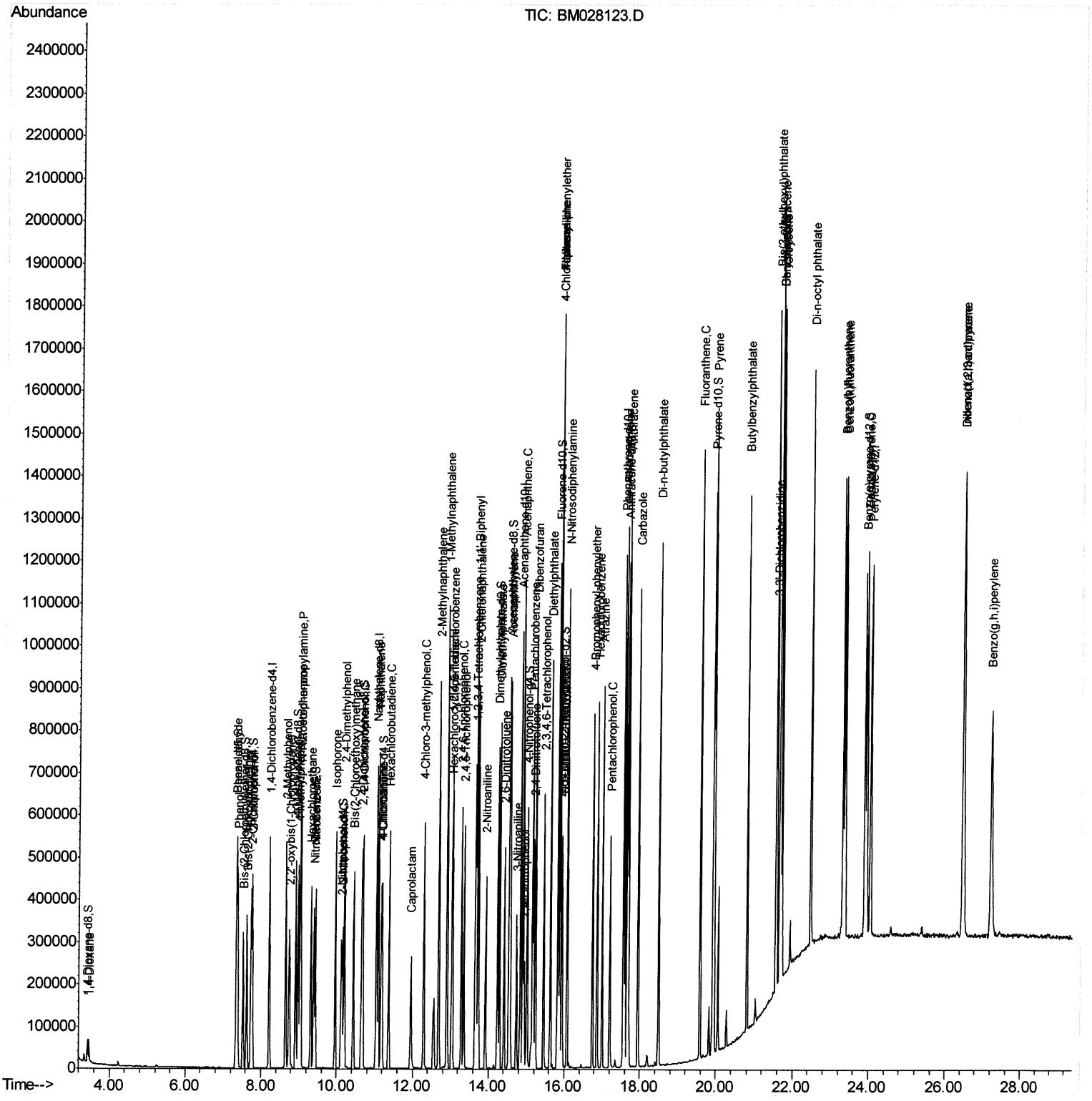

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM121520\
Data File : BM028123.D
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Quant Time: Dec 15 12:59:09 2020
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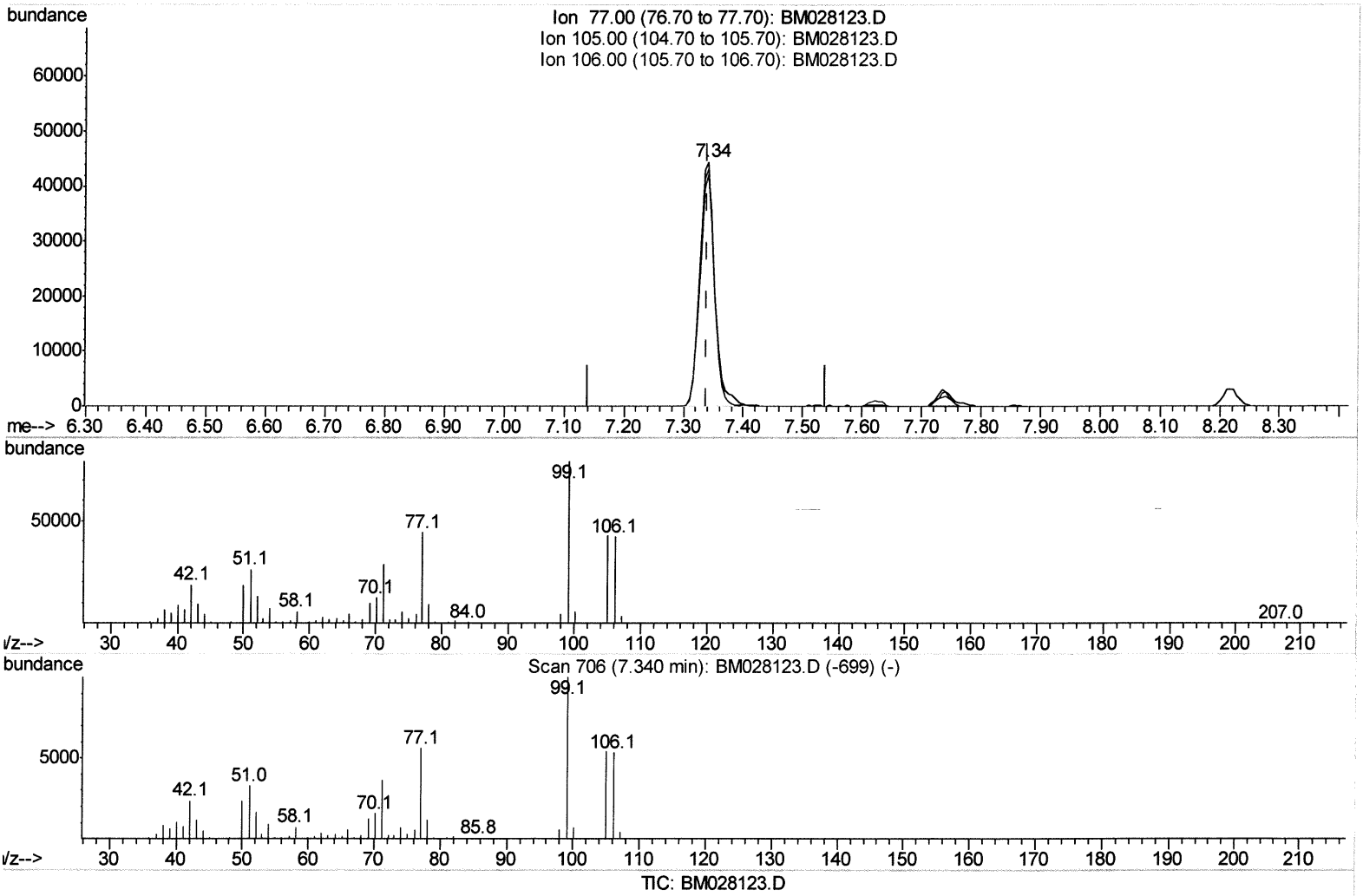

(4) Benzaldehyde

7.340min (0.000) 9.68ng/ul

response 77269

Ion	Exp%	Act%
77.00	100	100
105.00	97.20	97.22
106.00	95.20	95.24
0.00	0.00	0.00

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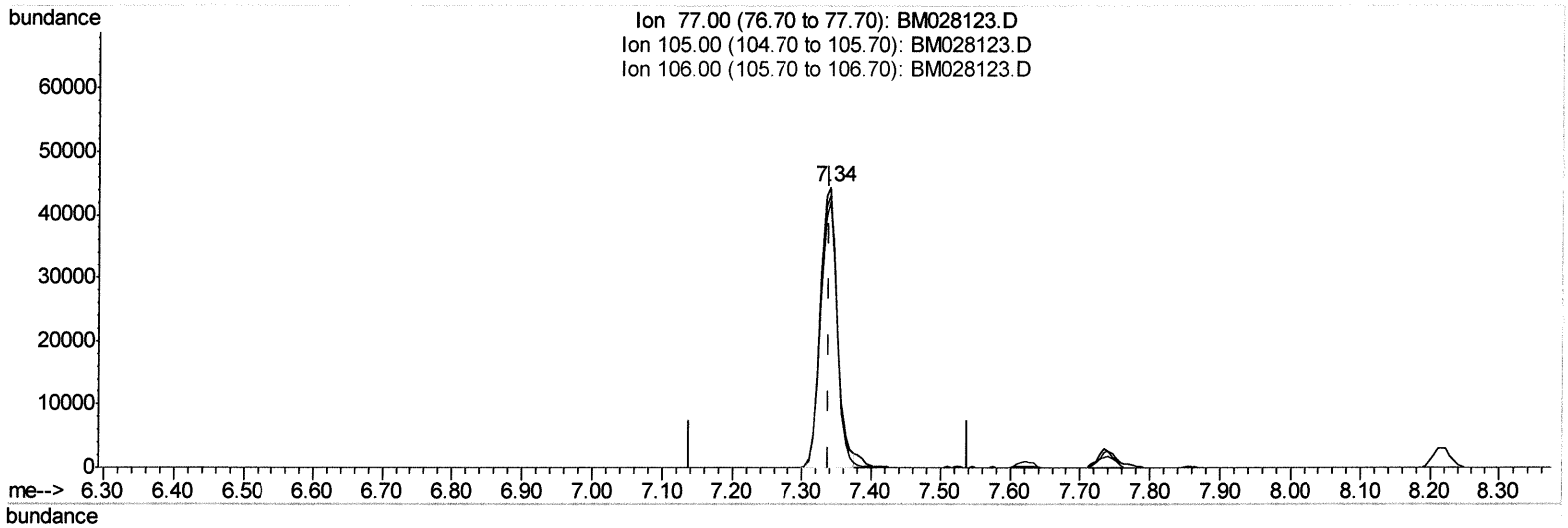

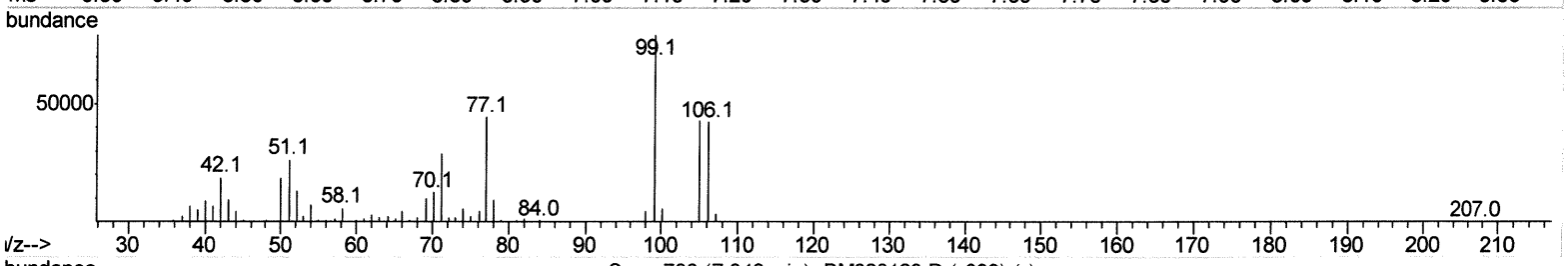

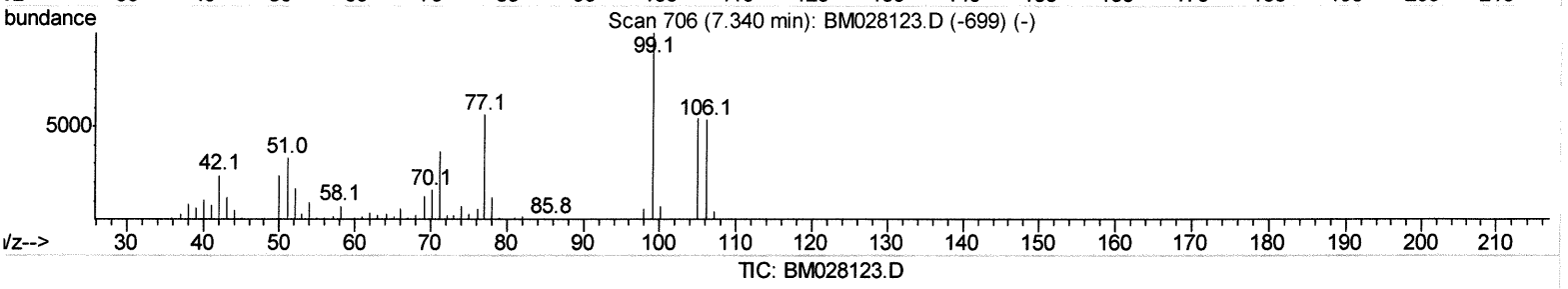

TIC: BM028123.D

(4) Benzaldehyde

7.340min (0.000) 9.47ng/ul m

response 75551

JU 12/28/20

Ion	Exp%	Act%
77.00	100	100
105.00	97.20	97.22
106.00	95.20	95.24
0.00	0.00	0.00

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Manual Integrations APPROVED
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12/18/2020 10:24:39 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	141138	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	577538	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	334839	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	681514	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	620717	20.00	ng/ul	0.00
86) Perylene-d12	24.04	264	597506	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	25322	6.86	ng/uL	0.00
5) Phenol-d5	7.35	99	217970	16.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	140679	17.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	186539	18.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	178258	17.13	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	84771	17.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.12	143	84813	16.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	172892	16.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	189280	17.14	ng/ul	0.00
44) Dimethylphthalate-d6	14.24	166	474590	17.87	ng/ul	0.00
47) Acenaphthylene-d8	14.54	160	603940	18.05	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	85913	18.21	ng/ul	0.00
58) Fluorene-d10	15.82	176	423893	18.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	67365	16.26	ng/ul	0.00
71) Anthracene-d10	17.66	188	624238	18.15	ng/ul	0.00
79) Pyrene-d10	19.92	212	640022	16.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.89	264	611275	18.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	25324	6.326	ng/uL	100
4) Benzaldehyde	7.34	77	75551m	9.466	ng/ul	100
6) Phenol	7.38	94	220516	16.437	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.62	93	184799	17.594	ng/ul	100
10) 2-Chlorophenol	7.77	128	188580	18.970	ng/ul	100
11) 2-Methylphenol	8.65	108	166157	16.727	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.75	45	316105	19.567	ng/ul	100
14) Acetophenone	9.05	105	270353	16.401	ng/ul	100
15) N-Nitroso-di-n-propylamine	9.03	70	131477	15.188	ng/ul	100
16) 4-Methylphenol	8.99	108	179075	16.938	ng/ul	100
17) Hexachloroethane	9.32	117	80435	17.159	ng/ul	100
20) Nitrobenzene	9.43	77	210247	14.559	ng/ul	100
21) Isophorone	9.96	82	360149	15.081	ng/ul	100
23) 2-Nitrophenol	10.15	139	95539	17.745	ng/ul	100
24) 2,4-Dimethylphenol	10.20	107	197371	15.272	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.44	93	244373	17.342	ng/ul	100
27) 2,4-Dichlorophenol	10.68	162	167786	17.296	ng/ul	100
28) Naphthalene	11.10	128	601028	18.484	ng/ul	100
30) 4-Chloroaniline	11.20	127	184634	17.500	ng/ul	100
31) Hexachlorobutadiene	11.37	225	110949	15.219	ng/ul	100
32) Caprolactam	11.96	113	46708	16.105	ng/ul	100
33) 4-Chloro-3-methylphenol	12.30	107	172931	15.465	ng/ul	100
34) 2-Methylnaphthalene	12.69	142	407368	18.355	ng/ul	100

> 9.466 ng/ul > JU 12/28/20

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Manual Integrations APPROVED
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12/18/2020 10:24:39 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.90	142	476249	18.389	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	13.05	216	204142	16.666	ng/ul	100
38) Hexachlorocyclopentadiene	13.03	237	116114	14.130	ng/ul	100
39) 2,4,6-Trichlorophenol	13.28	196	126163	16.732	ng/ul	100
40) 2,4,5-Trichlorophenol	13.35	196	134768	16.521	ng/ul	100
41) 1,1'-Biphenyl	13.68	154	520607	18.460	ng/ul	100
42) 2-Chloronaphthalene	13.73	162	405702	17.810	ng/ul	100
43) 2-Nitroaniline	13.92	65	109787	14.489	ng/ul	100
45) Dimethylphthalate	14.29	163	484674	17.871	ng/ul	100
46) 2,6-Dinitrotoluene	14.41	165	93027	18.032	ng/ul	100
48) Acenaphthylene	14.57	152	611450	18.827	ng/ul	100
49) 3-Nitroaniline	14.73	138	73542	15.999	ng/ul	100
50) Acenaphthene	14.90	153	435598	18.853	ng/ul	100
51) 2,4-Dinitrophenol	14.94	184	45859	15.226	ng/ul	100
53) 4-Nitrophenol	15.02	109	69201	12.399	ng/ul	100
54) Dibenzofuran	15.23	168	593590	18.607	ng/ul	100
55) 2,4-Dinitrotoluene	15.19	165	134375	18.162	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.45	232	111828	17.241	ng/ul	100
57) Diethylphthalate	15.63	149	492154	18.583	ng/ul	100
59) Fluorene	15.87	166	496396	19.137	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.86	204	242605	18.134	ng/ul	100
61) 4-Nitroaniline	15.88	138	70165	13.661	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.95	198	74127	17.143	ng/ul	100
65) N-Nitrosodiphenylamine	16.07	169	411115	19.121	ng/ul	100
66) 4-Bromophenyl-phenylether	16.75	248	144297	18.788	ng/ul	100
67) Hexachlorobenzene	16.87	284	164981	18.615	ng/ul	100
68) Atrazine	17.00	200	134383	17.331	ng/ul	100
69) Pentachlorophenol	17.20	266	87994	17.047	ng/ul	100
70) Phenanthrene	17.60	178	758609	18.892	ng/ul	100
72) Anthracene	17.69	178	776761	19.021	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.65	216	199520	16.503	ng/uL	100
74) Pentachlorobenzene	15.16	250	191572	17.514	ng/uL	100
75) Carbazole	17.95	167	652490	19.043	ng/ul	100
76) Di-n-butylphthalate	18.49	149	794317	19.593	ng/ul	100
77) Fluoranthene	19.59	202	828082	18.624	ng/ul	100
80) Pyrene	19.94	202	862566	17.325	ng/ul	100
81) Butylbenzylphthalate	20.80	149	324975	17.047	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.58	252	207283	17.264	ng/ul	100
83) Benzo(a)anthracene	21.65	228	769763	17.504	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.56	149	462248	18.410	ng/ul	100
85) Chrysene	21.70	228	760615	17.853	ng/ul	100
87) Di-n-octyl phthalate	22.47	149	754226	16.859	ng/ul	100
88) Benzo(b)fluoranthene	23.32	252	734427	17.452	ng/ul	100
89) Benzo(k)fluoranthene	23.37	252	751268	18.527	ng/ul	100
91) Benzo(a)pyrene	23.93	252	675513	18.118	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.47	276	784360	18.166	ng/ul	100
93) Dibenzo(a,h)anthracene	26.48	278	667758	18.537	ng/ul	100
94) Benzo(g,h,i)perylene	27.22	276	661915	18.269	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