Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004265.D
Acq On : 12 Dec 2020 19:07
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 14 08:36:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTD02086

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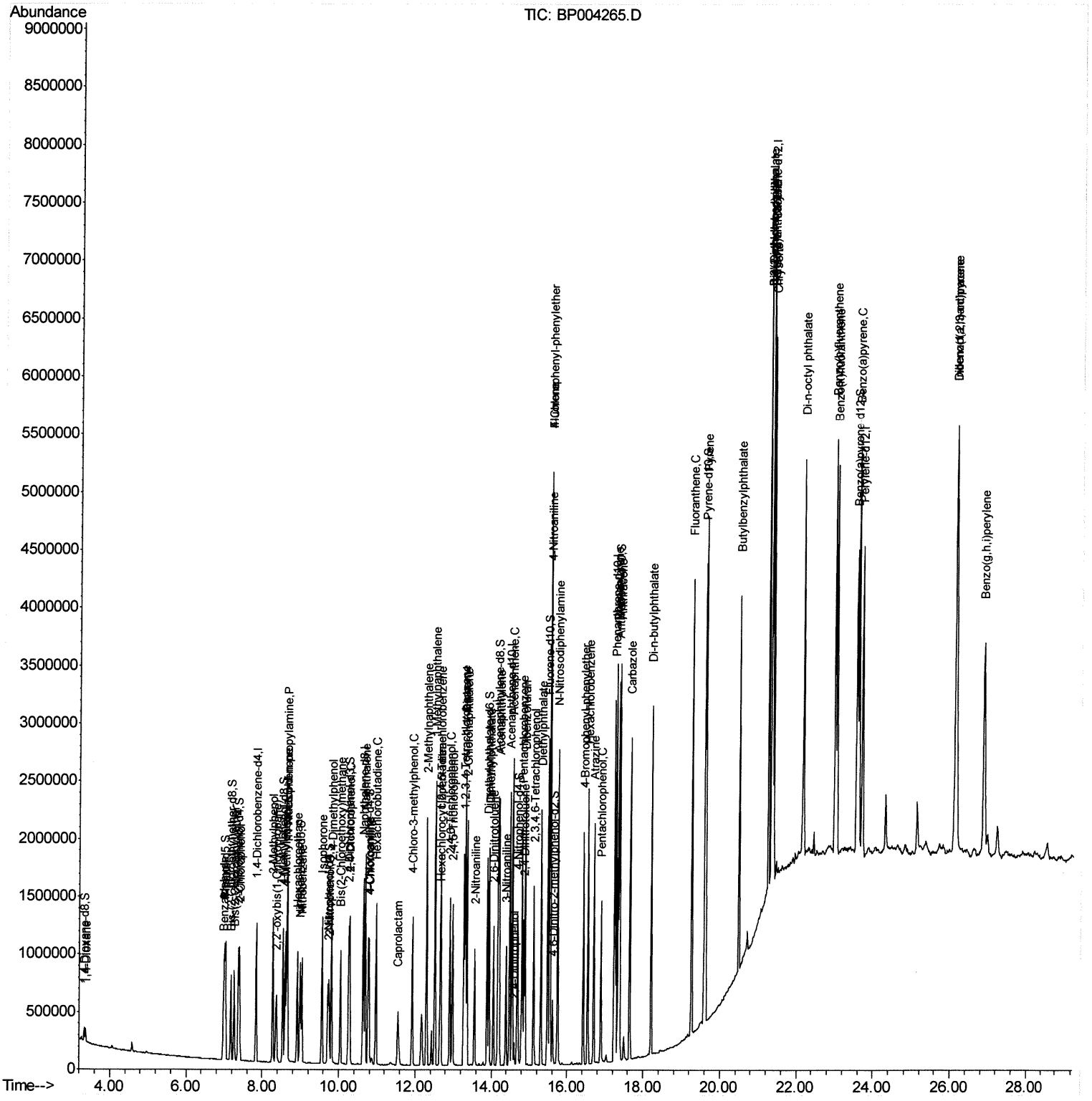

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Quant Time: Dec 14 07:44:44 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
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Instrument :
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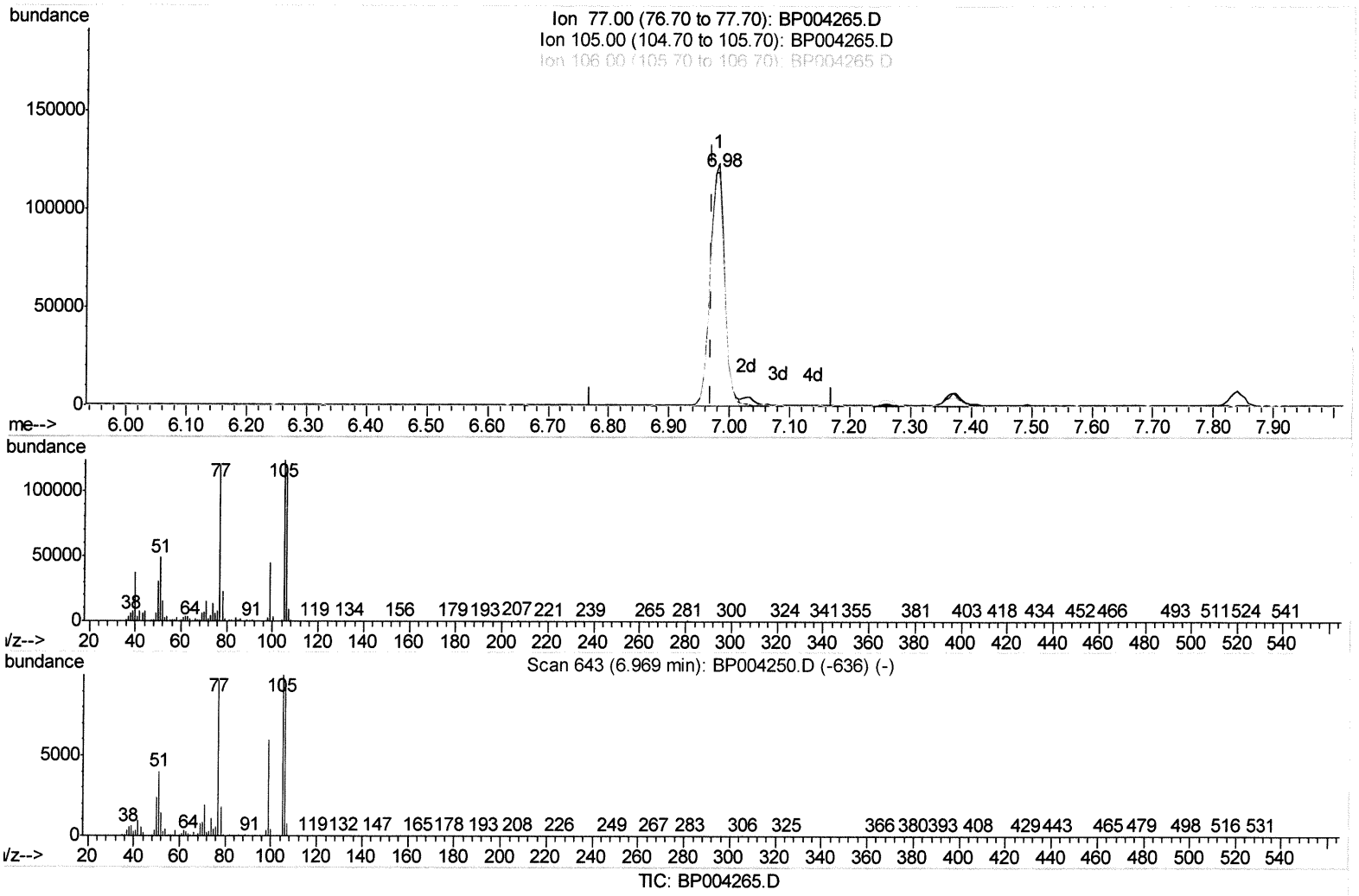

TIC: BP004265.D

(4) Benzaldehyde

6.981min (+0.012) 13.04ng/ul

response 196683

Ion	Exp%	Act%
77.00	100	100
105.00	96.40	103.64
106.00	94.50	97.59
0.00	0.00	0.00

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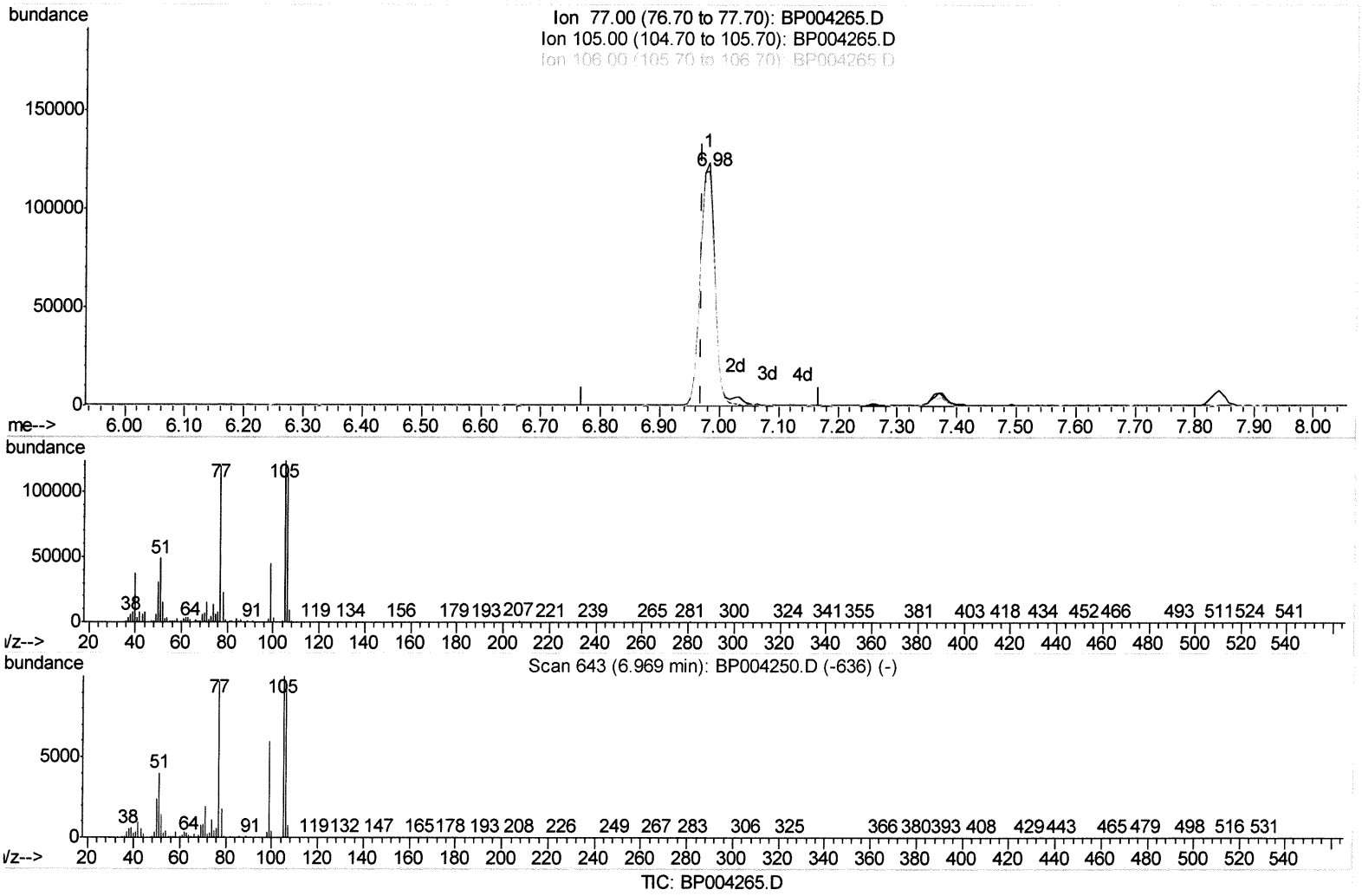

TIC: BP004265.D

(4) Benzaldehyde

6.981min (+0.012) 13.47ng/ul m

JU 12/28/20

response 203151

Ion	Exp%	Act%
77.00	100	100
105.00	96.40	103.64
106.00	94.50	97.59
0.00	0.00	0.00

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12/14/2020 2:46:36 PM

Quant Time: Dec 14 08:36:12 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	347210	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1379904	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	845158	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	1877485	20.00	ng/ul	0.01
78) Chrysene-d12	21.34	240	1889327	20.00	ng/ul	0.02
86) Perylene-d12	23.70	264	2106384	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	63145	6.39	ng/uL	0.00
5) Phenol-d5	7.00	99	579608	20.18	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.17	67	318207	17.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	472152	21.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	463271	21.35	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	231768	20.51	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	244013	26.18	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	476077	23.23	ng/ul	0.01
29) 4-Chloroaniline-d4	10.77	131	534459	21.04	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	1287629	19.93	ng/ul	0.01
47) Acenaphthylene-d8	14.17	160	1649900	20.01	ng/ul	0.01
52) 4-Nitrophenol-d4	14.68	143	236228	21.65	ng/ul	0.02
58) Fluorene-d10	15.48	176	1157306	19.78	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.61	200	91838	10.20	ng/ul	0.03
71) Anthracene-d10	17.35	188	1828759	19.99	ng/ul	0.01
79) Pyrene-d10	19.59	212	2044876	20.78	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.55	264	2222425	20.03	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	64307	6.261	ng/uL	95
4) Benzaldehyde	6.98	77	203151m	13.467	ng/ul	> 12/14/20
6) Phenol	7.03	94	589078	19.643	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.26	93	463197	18.736	ng/ul	95
10) 2-Chlorophenol	7.40	128	471346	20.625	ng/ul	95
11) 2-Methylphenol	8.28	108	448680	20.741	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.37	45	518724	17.553	ng/ul	98
14) Acetophenone	8.66	105	686502	20.007	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.64	70	329294	19.808	ng/ul	99
16) 4-Methylphenol	8.60	108	474441	20.492	ng/ul	96
17) Hexachloroethane	8.92	117	182666	17.404	ng/ul	92
20) Nitrobenzene	9.03	77	523252	18.751	ng/ul	97
21) Isophorone	9.56	82	983401	20.875	ng/ul	99
23) 2-Nitrophenol	9.75	139	256510	24.067	ng/ul	97
24) 2,4-Dimethylphenol	9.81	107	506524	21.059	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	592263	18.459	ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	455487	21.902	ng/ul	99
28) Naphthalene	10.69	128	1511154	19.317	ng/ul	100
30) 4-Chloroaniline	10.79	127	507173	20.533	ng/ul	99
31) Hexachlorobutadiene	10.97	225	331947	20.662	ng/ul	98
32) Caprolactam	11.55	113	147622	24.721	ng/ul	84
33) 4-Chloro-3-methylphenol	11.92	107	463975	23.729	ng/ul	98
34) 2-Methylnaphthalene	12.30	142	1040228	19.764	ng/ul	99

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12/14/2020 2:46:36 PM

Quant Time: Dec 14 08:36:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.52	142	1211725	19.827 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.67	216	596313	19.372 ng/ul	99
38) Hexachlorocyclopentadiene	12.65	237	150677	8.531 ng/ul	96
39) 2,4,6-Trichlorophenol	12.91	196	369032	24.840 ng/ul	96
40) 2,4,5-Trichlorophenol	12.98	196	393748	23.705 ng/ul	100
41) 1,1'-Biphenyl	13.32	154	1335215	18.839 ng/ul	99
42) 2-Chloronaphthalene	13.36	162	1077009	19.059 ng/ul	98
43) 2-Nitroaniline	13.56	65	270089	21.906 ng/ul	96
45) Dimethylphthalate	13.94	163	1293003	19.653 ng/ul	99
46) 2,6-Dinitrotoluene	14.06	165	266752	21.773 ng/ul	93
48) Acenaphthylene	14.20	152	1617492	19.769 ng/ul	99
49) 3-Nitroaniline	14.38	138	270849	24.974 ng/ul	94
50) Acenaphthene	14.55	153	1128138	19.474 ng/ul	99
51) 2,4-Dinitrophenol	14.60	184	44976	8.489 ng/ul	97
53) 4-Nitrophenol	14.70	109	171615	21.314 ng/ul	92
54) Dibenzofuran	14.89	168	1568843	19.221 ng/ul	98
55) 2,4-Dinitrotoluene	14.85	165	369641	21.259 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.12	232	347099	25.618 ng/ul	95
57) Diethylphthalate	15.31	149	1275880	20.661 ng/ul	98
59) Fluorene	15.54	166	1294490	19.829 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.53	204	678654	19.607 ng/ul	99
61) 4-Nitroaniline	15.55	138	301872	26.177 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.62	198	97440	9.965 ng/ul	97
65) N-Nitrosodiphenylamine	15.75	169	1084909	19.427 ng/ul	99
66) 4-Bromophenyl-phenylether	16.43	248	437925	20.057 ng/ul	97
67) Hexachlorobenzene	16.55	284	518930	19.824 ng/ul	96
68) Atrazine	16.70	200	409834	21.149 ng/ul	99
69) Pentachlorophenol	16.90	266	279599	23.220 ng/ul	98
70) Phenanthrene	17.29	178	2118136	19.123 ng/ul	100
72) Anthracene	17.38	178	2155213	19.667 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.28	216	585892	18.601 ng/uL	99
74) Pentachlorobenzene	14.81	250	588774	19.333 ng/uL	99
75) Carbazole	17.65	167	1865931	20.924 ng/ul	100
76) Di-n-butylphthalate	18.21	149	2225031	23.418 ng/ul	100
77) Fluoranthene	19.26	202	2590455	21.903 ng/ul	95
80) Pyrene	19.62	202	2602697	20.422 ng/ul	96
81) Butylbenzylphthalate	20.49	149	1002081	28.488 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.25	252	656691	20.079 ng/ul	99
83) Benzo(a)anthracene	21.32	228	2490516	19.998 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	1422861	24.979 ng/ul#	98
85) Chrysene	21.37	228	2370402	19.402 ng/ul	100
87) Di-n-octyl phthalate	22.16	149	2499132	25.079 ng/ul	100
88) Benzo(b)fluoranthene	22.98	252	2669257	19.982 ng/ul	99
89) Benzo(k)fluoranthene	23.03	252	2467959	17.990 ng/ul	99
91) Benzo(a)pyrene	23.60	252	2407655	19.315 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.13	276	3097873	19.817 ng/ul	97
93) Dibenzo(a,h)anthracene	26.14	278	2602441	19.863 ng/ul	98
94) Benzo(g,h,i)perylene	26.88	276	2588477	19.737 ng/ul	96

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12/14/2020 2:46:36 PM

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

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