Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071520\
Data File : BN011175.D
Acq On : 15 Jul 2020 14:34
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 15 15:05:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 14:43:41 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SICV57

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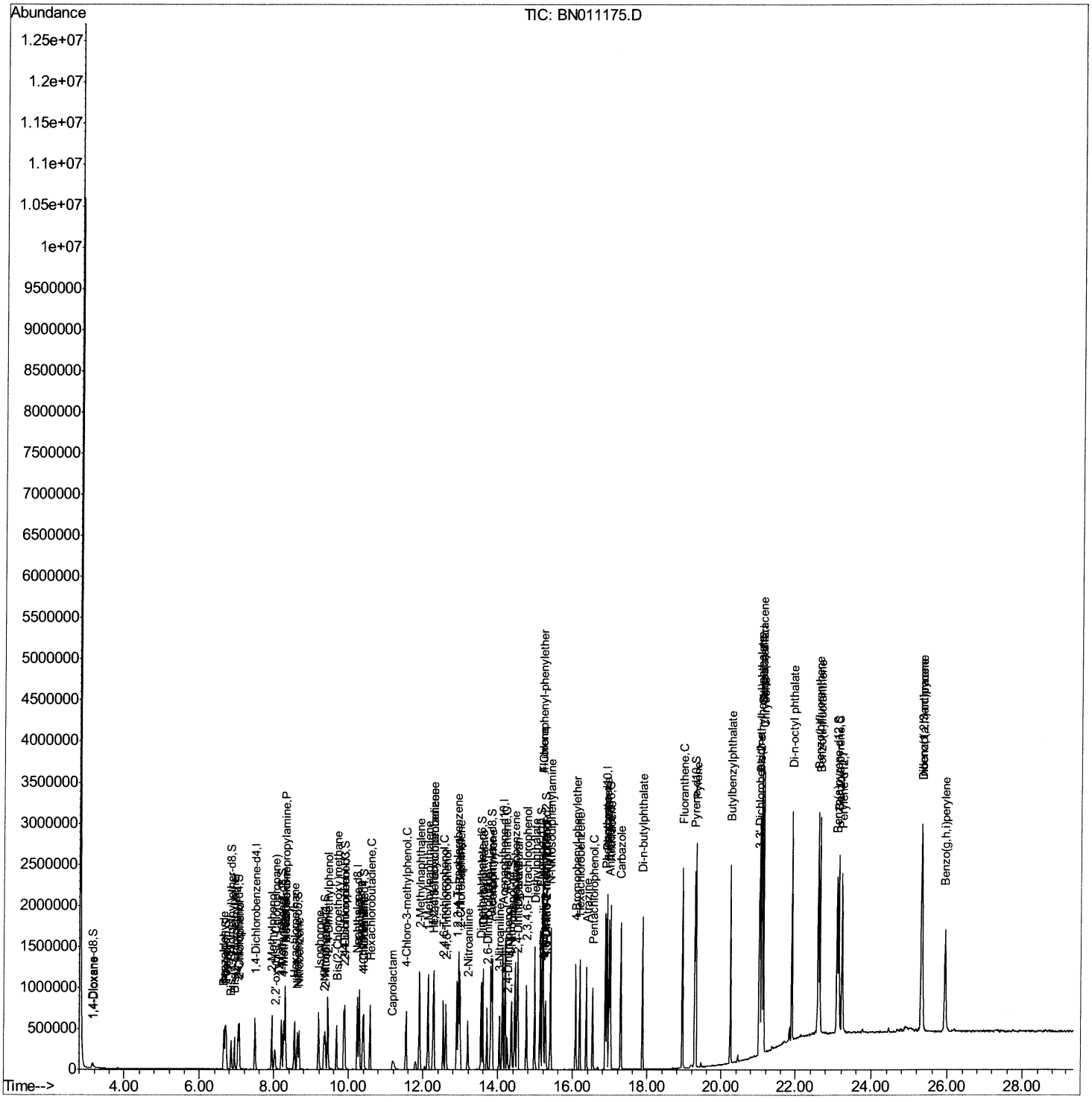

Quantitation Report (Qedit)

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Quant Time: Jul 15 15:04:14 2020
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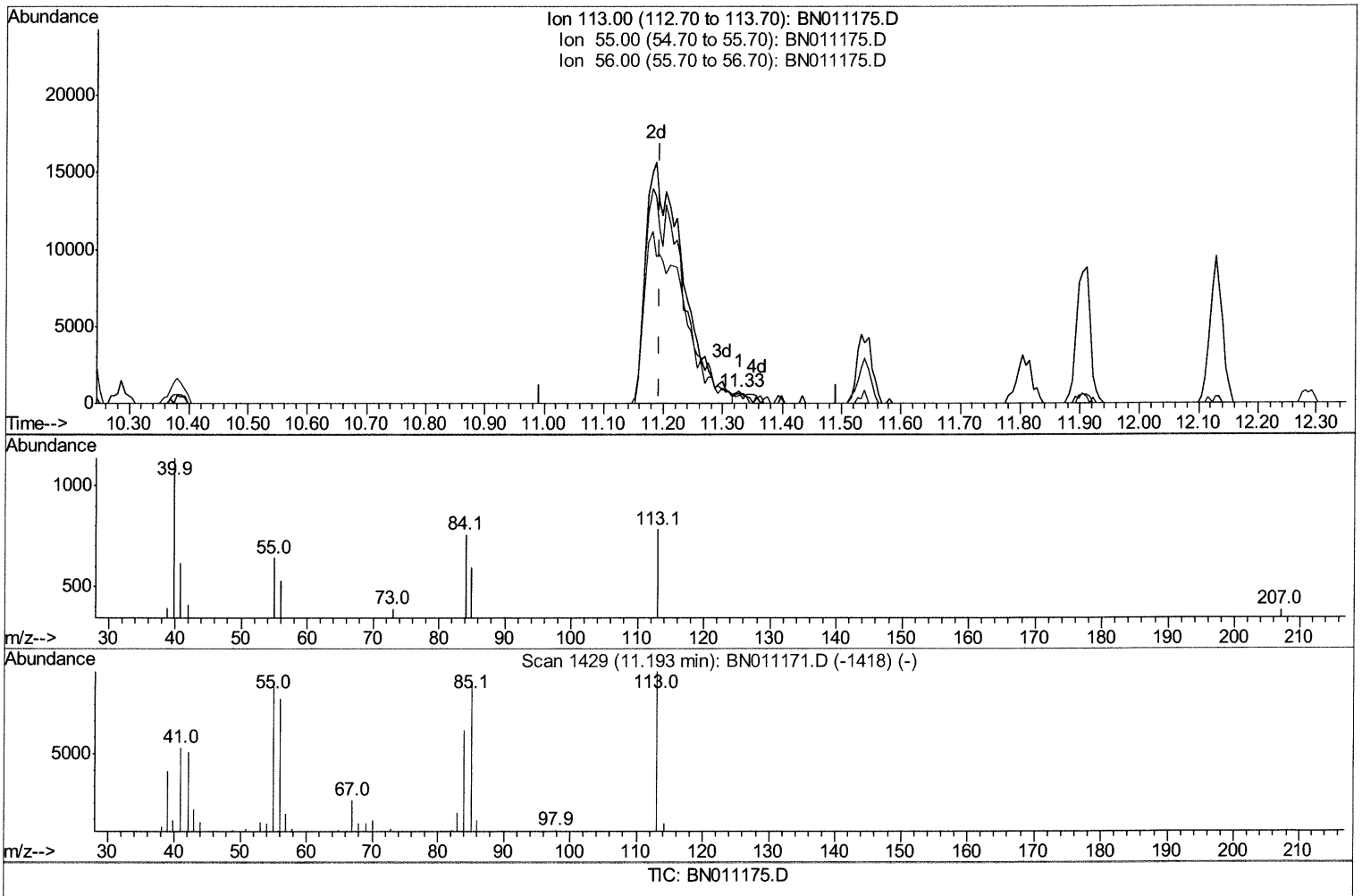

TIC: BN011175.D

(32) Caprolactam

11.328min (+0.135) 0.29ng/ul

response 967

Ion	Exp%	Act%
113.00	100	100
55.00	90.50	81.97
56.00	83.30	67.65
0.00	0.00	0.00

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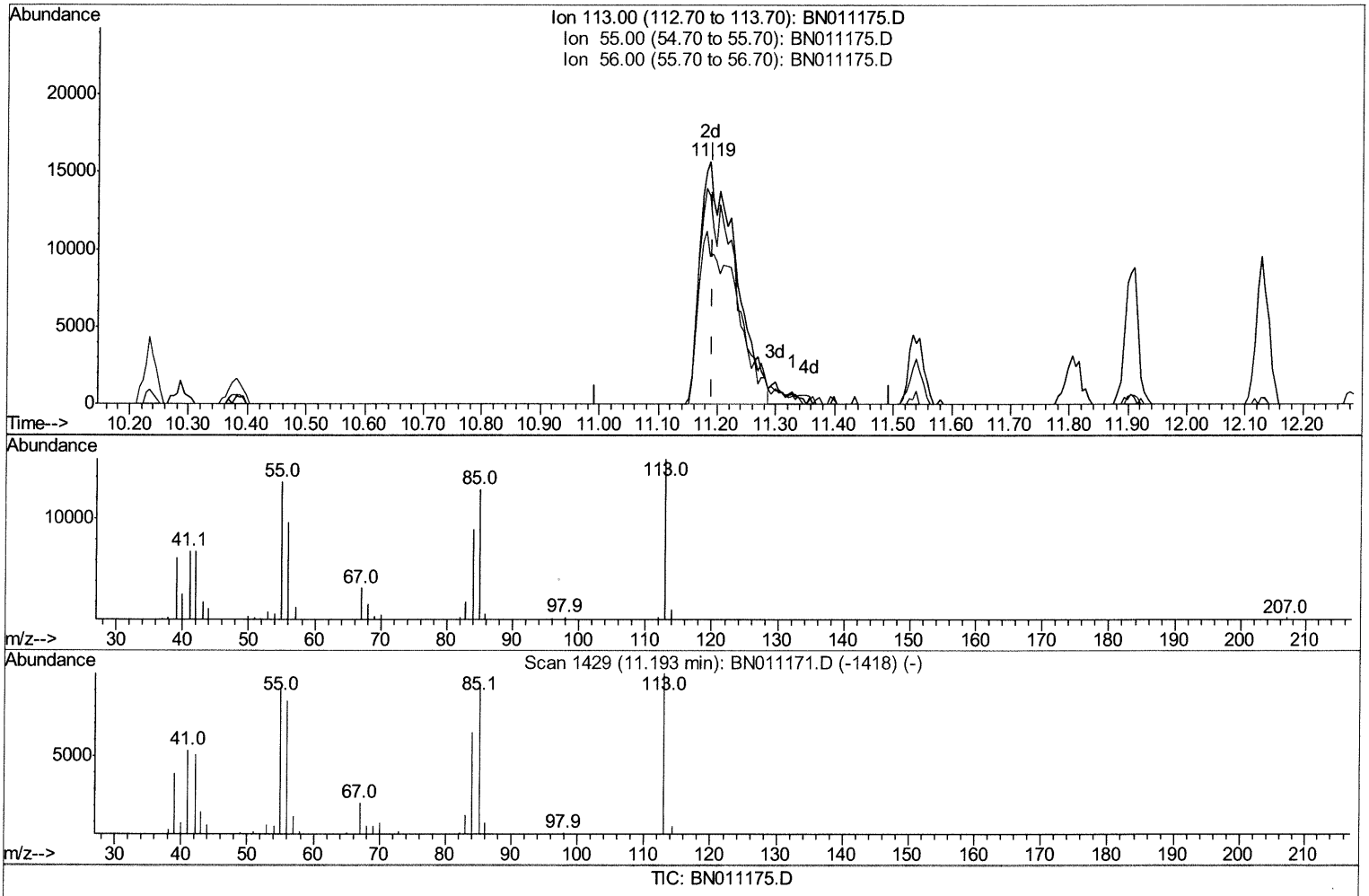

TIC: BN011175.D

(32) Caprolactam

11.187min (-0.006) 19.46ng/ul m 07/16/20 JU

response 65449

Ion	Exp%	Act%
113.00	100	100
55.00	90.50	86.11
56.00	83.30	60.80#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	172605	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	717659	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	500473	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1073232	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1213365	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	1219923	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	35752	7.91	ng/uL	0.00
5) Phenol-d5	6.68	99	270535	19.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	143212	19.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	230710	19.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	220379	19.47	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	112523	19.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	129409	20.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	245985	20.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	289937	22.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	713315	17.58	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	852415	17.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	132923	18.33	ng/ul	0.00
58) Fluorene-d10	15.12	176	620462	17.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	125190	19.12	ng/ul	0.00
71) Anthracene-d10	16.97	188	994306	19.03	ng/ul	0.00
79) Pyrene-d10	19.28	212	1132559	18.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	1268392	19.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	33240	6.975	ng/uL	100
4) Benzaldehyde	6.65	77	181067	25.956	ng/ul	98
6) Phenol	6.71	94	297938	19.808	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.93	93	226826	20.419	ng/ul	99
10) 2-Chlorophenol	7.06	128	241700	18.576	ng/ul	95
11) 2-Methylphenol	7.93	108	217683	19.410	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.02	45	143458	19.310	ng/ul	94
14) Acetophenone	8.30	105	367331	18.993	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.29	70	182598	18.505	ng/ul	96
16) 4-Methylphenol	8.26	108	238759	19.293	ng/ul	96
17) Hexachloroethane	8.54	117	103733	18.319	ng/ul	96
20) Nitrobenzene	8.66	77	273361	18.064	ng/ul	98
21) Isophorone	9.19	82	496497	19.197	ng/ul	99
23) 2-Nitrophenol	9.36	139	147630	21.179	ng/ul	98
24) 2,4-Dimethylphenol	9.44	107	295891	20.357	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.67	93	328497	20.986	ng/ul	98
27) 2,4-Dichlorophenol	9.89	162	252827	20.195	ng/ul	98
28) Naphthalene	10.29	128	772419	18.360	ng/ul	99
30) 4-Chloroaniline	10.40	127	304685	23.058	ng/ul	99
31) Hexachlorobutadiene	10.57	225	160109	18.470	ng/ul	97
32) Caprolactam	11.19	113	65449m>	19.463	ng/ul>	07/16/20 JU
33) 4-Chloro-3-methylphenol	11.54	107	252037	18.768	ng/ul	96
34) 2-Methylnaphthalene	11.90	142	565043	18.522	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	522128	18.422 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	297398	17.353 ng/ul	99
38) Hexachlorocyclopentadiene	12.27	237	184896	17.510 ng/ul	95
39) 2,4,6-Trichlorophenol	12.54	196	183846	16.855 ng/ul	95
40) 2,4,5-Trichlorophenol	12.60	196	208423	17.056 ng/ul	95
41) 1,1'-Biphenyl	12.95	154	737672	17.358 ng/ul	99
42) 2-Chloronaphthalene	12.97	162	579340	17.182 ng/ul	99
43) 2-Nitroaniline	13.19	65	147325	17.256 ng/ul	91
45) Dimethylphthalate	13.59	163	742597	17.319 ng/ul	99
46) 2,6-Dinitrotoluene	13.70	165	151927	17.882 ng/ul	99
48) Acenaphthylene	13.83	152	887081	17.441 ng/ul	99
49) 3-Nitroaniline	14.03	138	166049	21.178 ng/ul	100
50) Acenaphthene	14.19	153	634244	17.754 ng/ul	96
51) 2,4-Dinitrophenol	14.25	184	84022	17.147 ng/ul	92
53) 4-Nitrophenol	14.36	109	128667	18.480 ng/ul	97
54) Dibenzofuran	14.52	168	886264	17.312 ng/ul	96
55) 2,4-Dinitrotoluene	14.50	165	224194	18.082 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.76	232	180980	17.724 ng/ul	97
57) Diethylphthalate	14.97	149	750926	17.779 ng/ul	99
59) Fluorene	15.17	166	736924	17.093 ng/ul	93
60) 4-Chlorophenyl-phenylether	15.18	204	371103	17.211 ng/ul	96
61) 4-Nitroaniline	15.20	138	166731	18.010 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.27	198	133749	19.608 ng/ul	99
65) N-Nitrosodiphenylamine	15.40	169	638808	18.956 ng/ul	98
66) 4-Bromophenyl-phenylether	16.08	248	216934	18.382 ng/ul	98
67) Hexachlorobenzene	16.19	284	237828	18.160 ng/ul	91
68) Atrazine	16.36	200	230974	20.195 ng/ul	97
69) Pentachlorophenol	16.53	266	147496	19.048 ng/ul	94
70) Phenanthrene	16.92	178	1209912	18.619 ng/ul	98
72) Anthracene	17.01	178	1241882	18.820 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	306500	19.413 ng/uL	93
74) Pentachlorobenzene	14.45	250	287072	18.941 ng/uL	93
75) Carbazole	17.28	167	1106270	19.674 ng/ul	98
76) Di-n-butylphthalate	17.87	149	1276362	19.031 ng/ul	99
77) Fluoranthene	18.95	202	1422277	19.424 ng/ul	98
80) Pyrene	19.31	202	1545268	18.888 ng/ul	98
81) Butylbenzylphthalate	20.25	149	608156	19.481 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.02	252	516009	20.267 ng/ul	96
83) Benzo(a)anthracene	21.07	228	1602077	18.714 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.04	149	968557	19.518 ng/ul	99
85) Chrysene	21.13	228	1592201	19.337 ng/ul	100
87) Di-n-octyl phthalate	21.90	149	1635193	20.607 ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	1653334	19.768 ng/ul	99
89) Benzo(k)fluoranthene	22.64	252	1579568	18.765 ng/ul	93
91) Benzo(a)pyrene	23.13	252	1419682	19.246 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.31	276	1631595	18.696 ng/ul	96
93) Dibenzo(a,h)anthracene	25.32	278	1350114	18.427 ng/ul	99
94) Benzo(g,h,i)perylene	25.94	276	1325199	18.798 ng/ul	97

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

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