Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG122320\
Data File : BG047833.D
Acq On : 24 Dec 2020 16:49
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Dec 24 17:30:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 13:42:29 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02007

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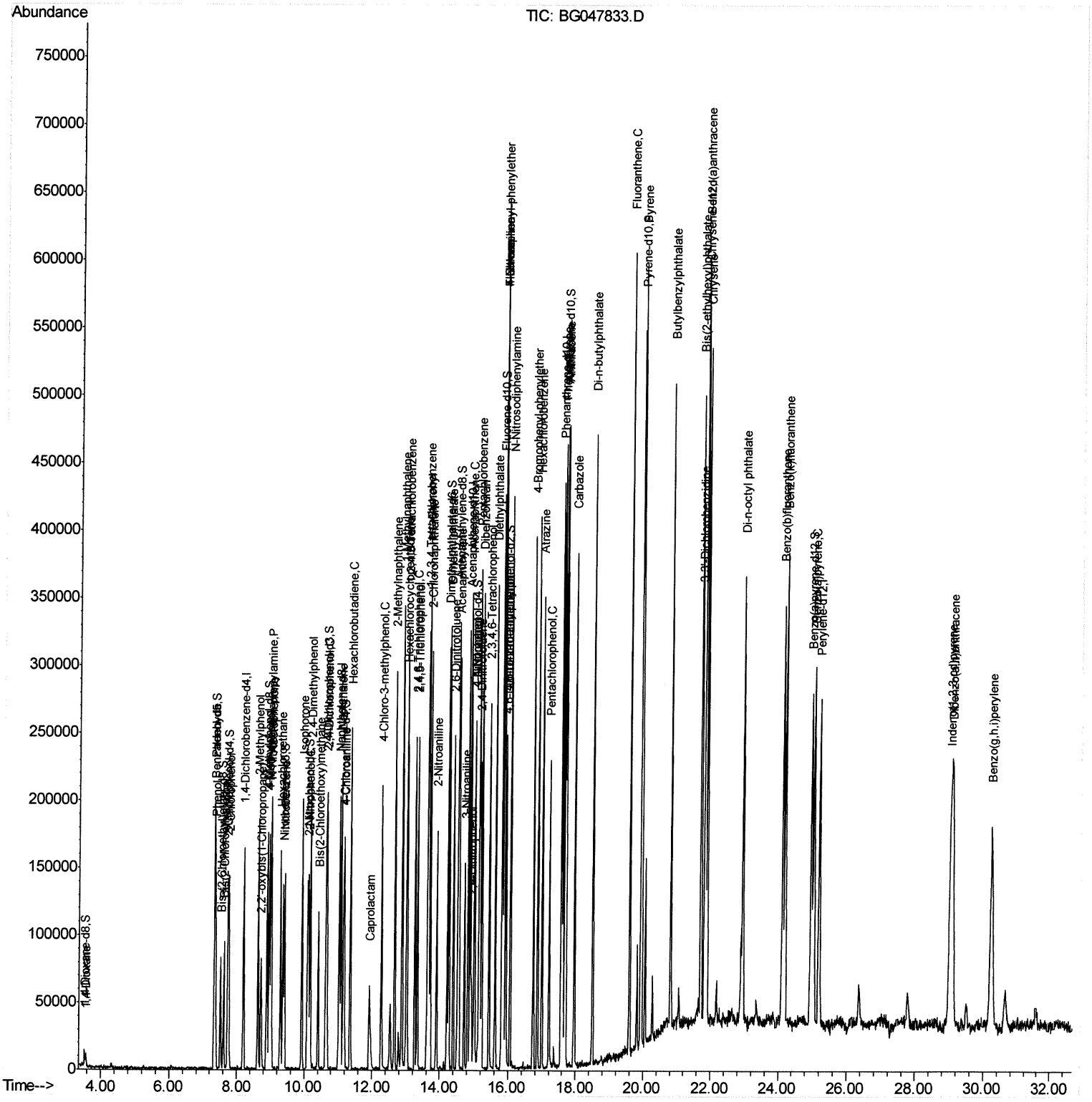

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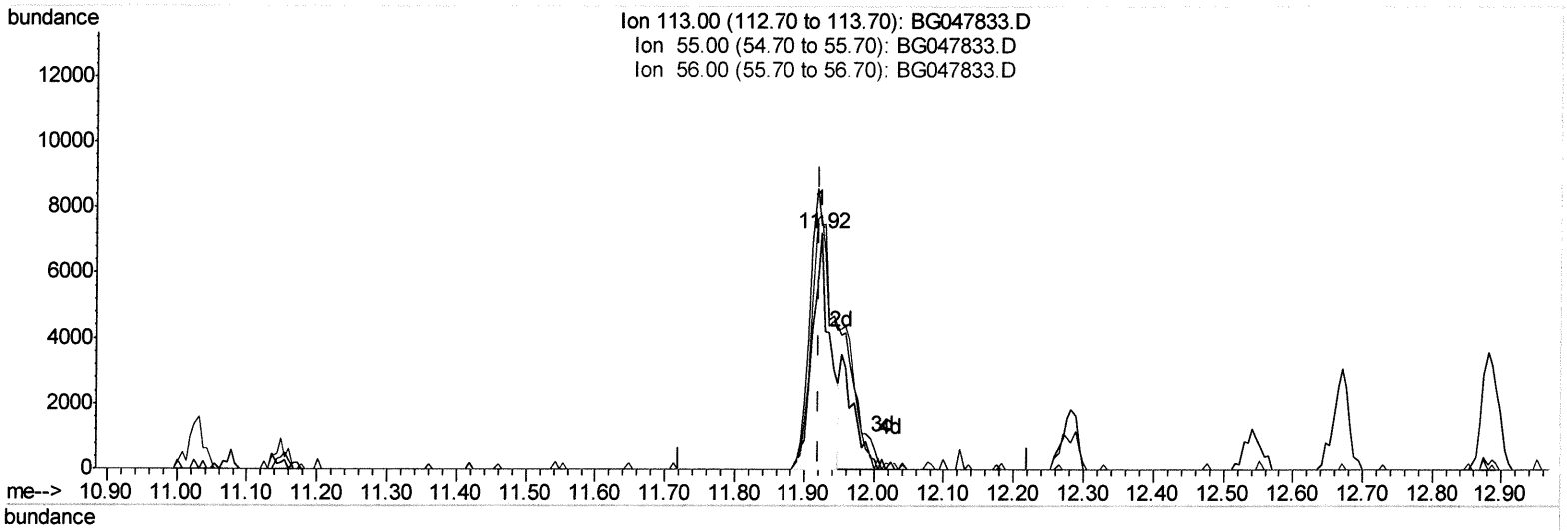

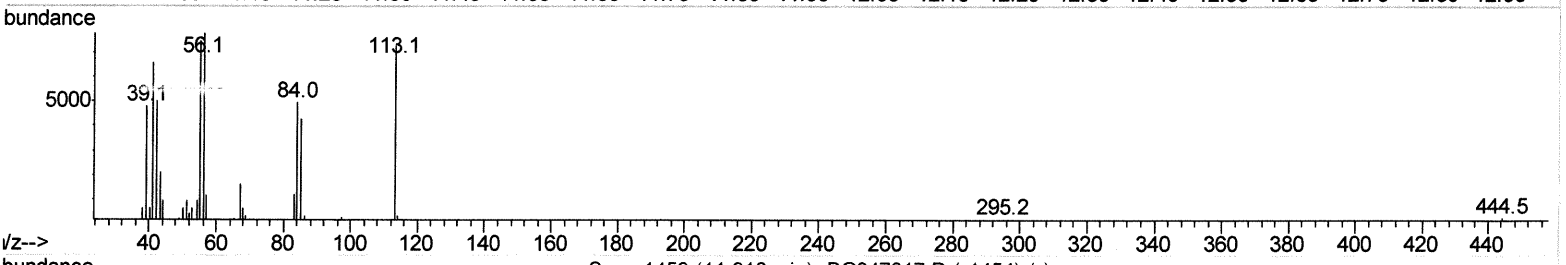

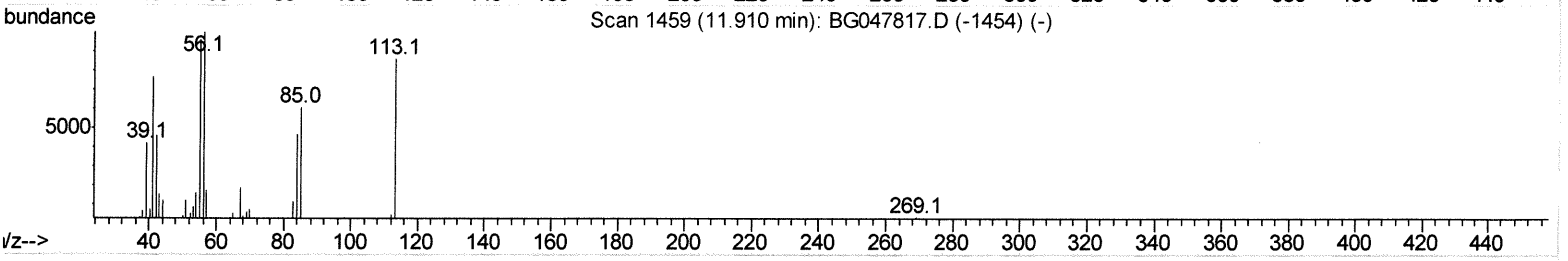

TIC: BG047833.D

(32) Caprolactam

11.924min (+0.003) 12.97ng/ul

response 12481

Ion	Exp%	Act%
113.00	100	100
55.00	112.30	103.35
56.00	119.00	107.51
0.00	0.00	0.00

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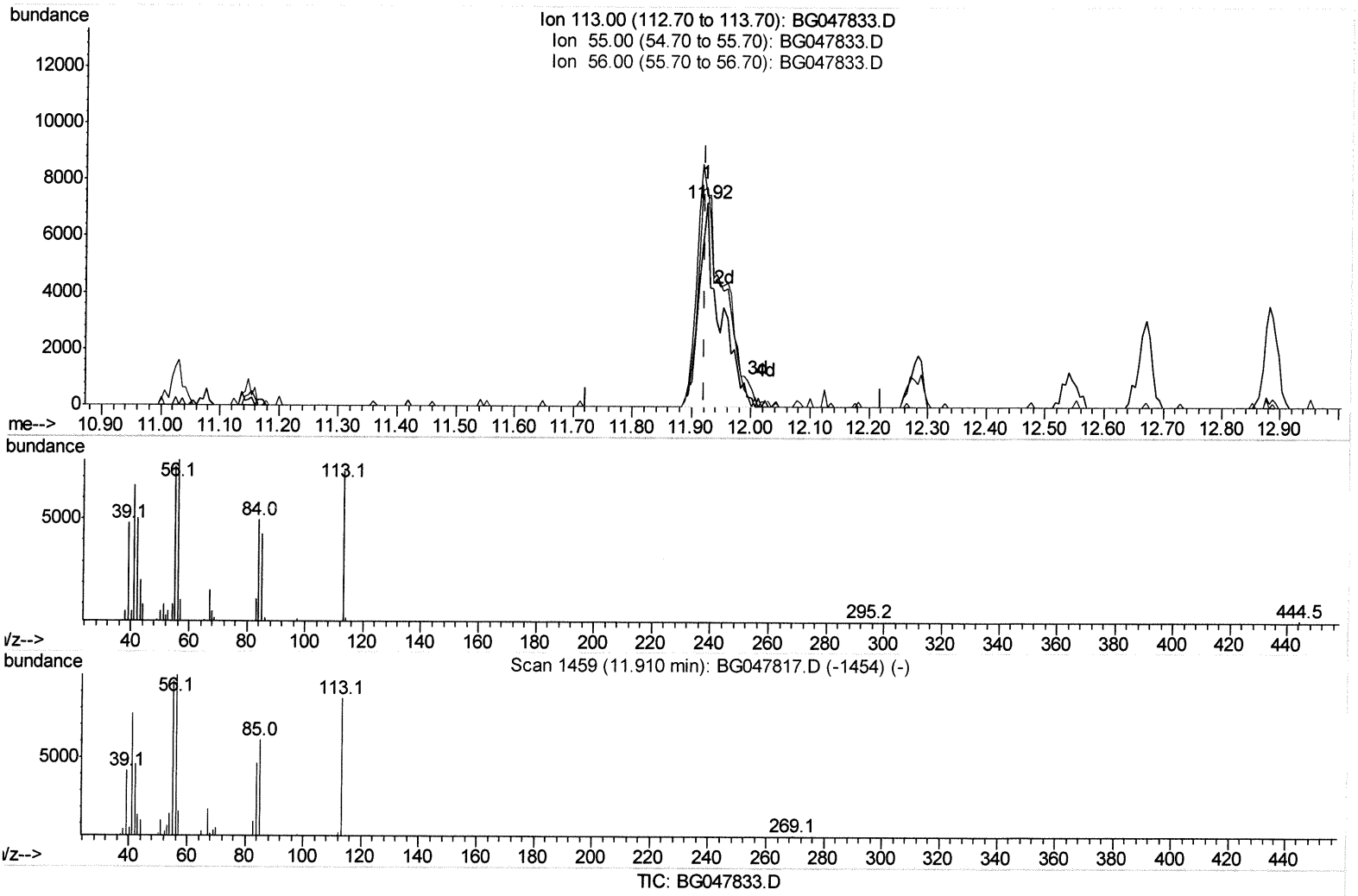

TIC: BG047833.D

(32) Caprolactam

11.924min (+0.003) 18.15ng/ul m JJ 12/31/20

response 17462

Ion	Exp%	Act%
113.00	100	100
55.00	112.30	103.35
56.00	119.00	107.51
0.00	0.00	0.00

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Misc :
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Instrument : BNA_G
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12/28/2020 1:36:13 PM

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	42638	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	158228	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	115648	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	289337	20.00	ng/ul	0.00
78) Chrysene-d12	21.84	240	254529	20.00	ng/ul	0.00
86) Perylene-d12	25.19	264	258906	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	6355	7.94	ng/uL	0.00
5) Phenol-d5	7.34	99	69411	19.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	35842	19.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	52437	18.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	55070	19.01	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	26271	20.36	ng/ul	0.01
22) 2-Nitrophenol-d4	10.10	143	32619	20.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	65637	19.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	61139	19.72	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	183510	18.27	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	223832	19.51	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	29166	19.58	ng/ul	0.00
58) Fluorene-d10	15.81	176	178904	19.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	32869	16.78	ng/ul	0.00
71) Anthracene-d10	17.66	188	280341	19.43	ng/ul	0.00
79) Pyrene-d10	19.93	212	292454	19.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.96	264	295966	19.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	6085	7.369	ng/uL	90
4) Benzaldehyde	7.32	77	27714	14.312	ng/ul	90
6) Phenol	7.36	94	66978	19.428	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.61	93	46705	19.470	ng/ul	91
10) 2-Chlorophenol	7.76	128	49728	18.251	ng/ul#	79
11) 2-Methylphenol	8.63	108	53091	19.373	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.72	45	46409	20.657	ng/ul#	94
14) Acetophenone	9.03	105	88403	19.346	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.00	70	46001	18.216	ng/ul#	92
16) 4-Methylphenol	8.96	108	55196	18.855	ng/ul	89
17) Hexachloroethane	9.30	117	25171	18.896	ng/ul	88
20) Nitrobenzene	9.41	77	77341	18.945	ng/ul#	92
21) Isophorone	9.93	82	135938	19.378	ng/ul#	94
23) 2-Nitrophenol	10.13	139	30532	19.199	ng/ul	97
24) 2,4-Dimethylphenol	10.18	107	71427	18.753	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.41	93	63900	19.886	ng/ul	94
27) 2,4-Dichlorophenol	10.67	162	57126	20.005	ng/ul	95
28) Naphthalene	11.08	128	172529	19.554	ng/ul	96
30) 4-Chloroaniline	11.18	127	57366	20.020	ng/ul	93
31) Hexachlorobutadiene	11.36	225	61126	19.602	ng/ul	95
32) Caprolactam	11.92	113	17462m>	18.152	ng/ul>	JU 12/31/20
33) 4-Chloro-3-methylphenol	12.28	107	65931	18.964	ng/ul	96
34) 2-Methylnaphthalene	12.67	142	130361	19.177	ng/ul	97

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12/28/2020 1:36:13 PM

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.89	142	143936	18.263	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	13.03	216	100707	21.912	ng/ul	91
38) Hexachlorocyclopentadiene	13.01	237	50845	15.844	ng/ul	99
39) 2,4,6-Trichlorophenol	13.26	196	57365	19.115	ng/ul#	87
40) 2,4,5-Trichlorophenol	13.33	196	62955	20.282	ng/ul	90
41) 1,1'-Biphenyl	13.66	154	180086	20.686	ng/ul	95
42) 2-Chloronaphthalene	13.71	162	141981	20.143	ng/ul	98
43) 2-Nitroaniline	13.90	65	48531	19.268	ng/ul	91
45) Dimethylphthalate	14.26	163	190715	18.742	ng/ul	98
46) 2,6-Dinitrotoluene	14.39	165	42021	19.304	ng/ul	93
48) Acenaphthylene	14.55	152	207861	19.531	ng/ul#	96
49) 3-Nitroaniline	14.71	138	30846	20.768	ng/ul	93
50) Acenaphthene	14.89	153	147224	19.572	ng/ul	97
51) 2,4-Dinitrophenol	14.93	184	20122	16.011	ng/ul	89
53) 4-Nitrophenol	15.01	109	46652	19.026	ng/ul	92
54) Dibenzofuran	15.22	168	212295	19.343	ng/ul	95
55) 2,4-Dinitrotoluene	15.17	165	60342	19.646	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.44	232	57949	19.956	ng/ul#	95
57) Diethylphthalate	15.61	149	185556	18.683	ng/ul	94
59) Fluorene	15.87	166	179829	19.162	ng/ul	93
60) 4-Chlorophenyl-phenylether	15.85	204	110737	18.881	ng/ul	96
61) 4-Nitroaniline	15.87	138	32466	19.593	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.94	198	34370	17.405	ng/ul	95
65) N-Nitrosodiphenylamine	16.06	169	160286	20.097	ng/ul	90
66) 4-Bromophenyl-phenylether	16.74	248	76628	20.537	ng/ul	97
67) Hexachlorobenzene	16.87	284	82289	20.222	ng/ul#	89
68) Atrazine	16.99	200	73553	19.906	ng/ul	93
69) Pentachlorophenol	17.21	266	39927	22.693	ng/ul#	79
70) Phenanthrene	17.61	178	305566	19.485	ng/ul	100
72) Anthracene	17.69	178	296663	18.978	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.63	216	99735	21.998	ng/uL	97
74) Pentachlorobenzene	15.14	250	92970	20.570	ng/uL	94
75) Carbazole	17.96	167	245728	19.712	ng/ul	96
76) Di-n-butylphthalate	18.50	149	299567	18.812	ng/ul	98
77) Fluoranthene	19.60	202	380596	19.074	ng/ul#	98
80) Pyrene	19.96	202	360895	19.495	ng/ul	99
81) Butylbenzylphthalate	20.82	149	119377	19.381	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.72	252	98350	16.908	ng/ul	93
83) Benzo(a)anthracene	21.81	228	357166	19.641	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.69	149	167147	19.336	ng/ul	99
85) Chrysene	21.88	228	332656	19.383	ng/ul	99
87) Di-n-octyl phthalate	22.95	149	281580	20.637	ng/ul	100
88) Benzo(b)fluoranthene	24.11	252	360849	19.966	ng/ul	96
89) Benzo(k)fluoranthene	24.19	252	348768	19.472	ng/ul#	97
91) Benzo(a)pyrene	25.03	252	325214	19.954	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	29.03	276	399676	20.109	ng/ul	99
93) Dibenzo(a,h)anthracene	29.09	278	333712	20.031	ng/ul#	94
94) Benzo(g,h,i)perylene	30.23	276	334325	20.488	ng/ul	98

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12/28/2020 1:36:13 PM

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

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