Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049355.D
Acq On : 15 Jul 2021 9:53
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jul 15 10:47:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

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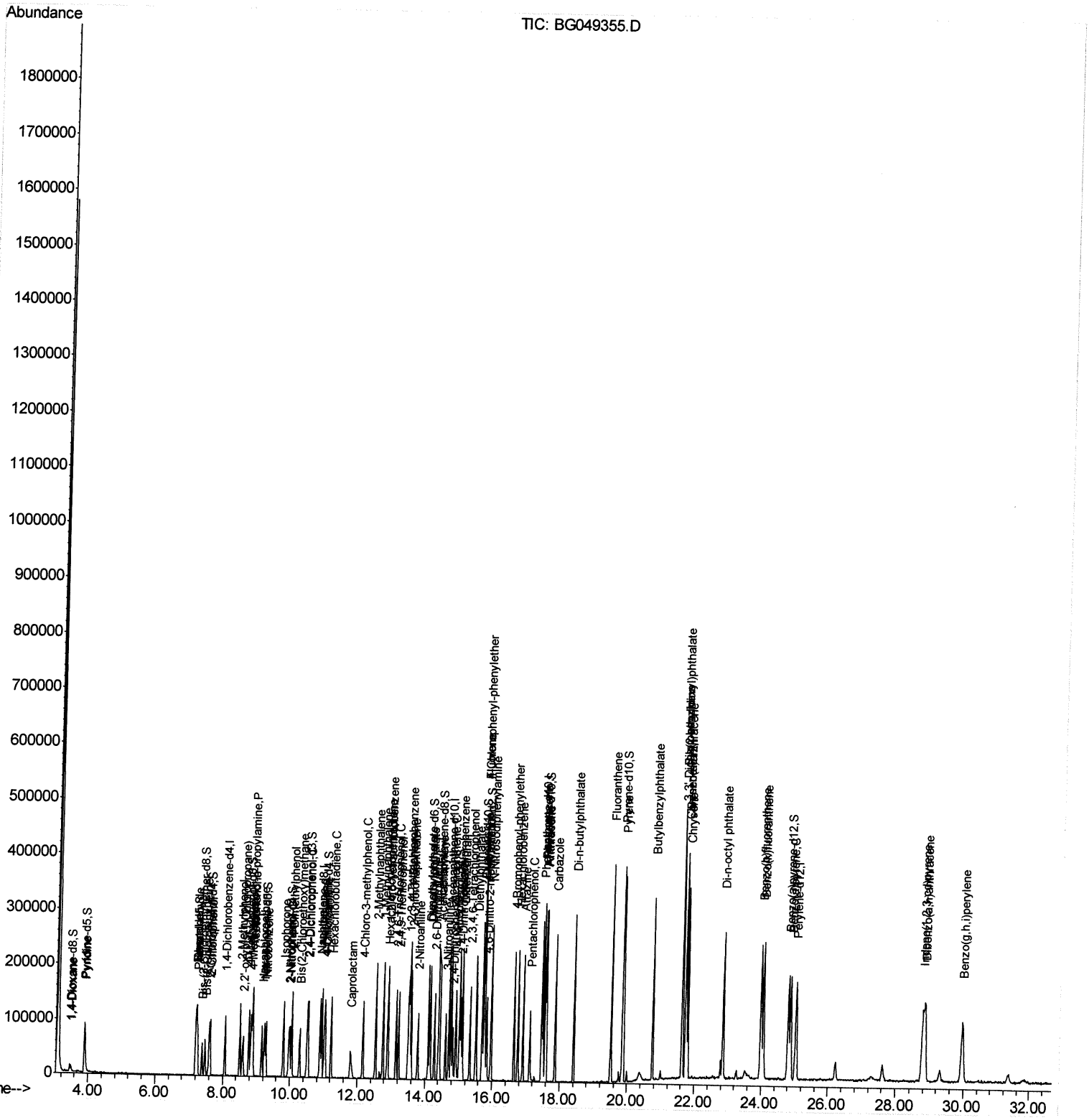

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Quant Title : SVOA CALIBRATION
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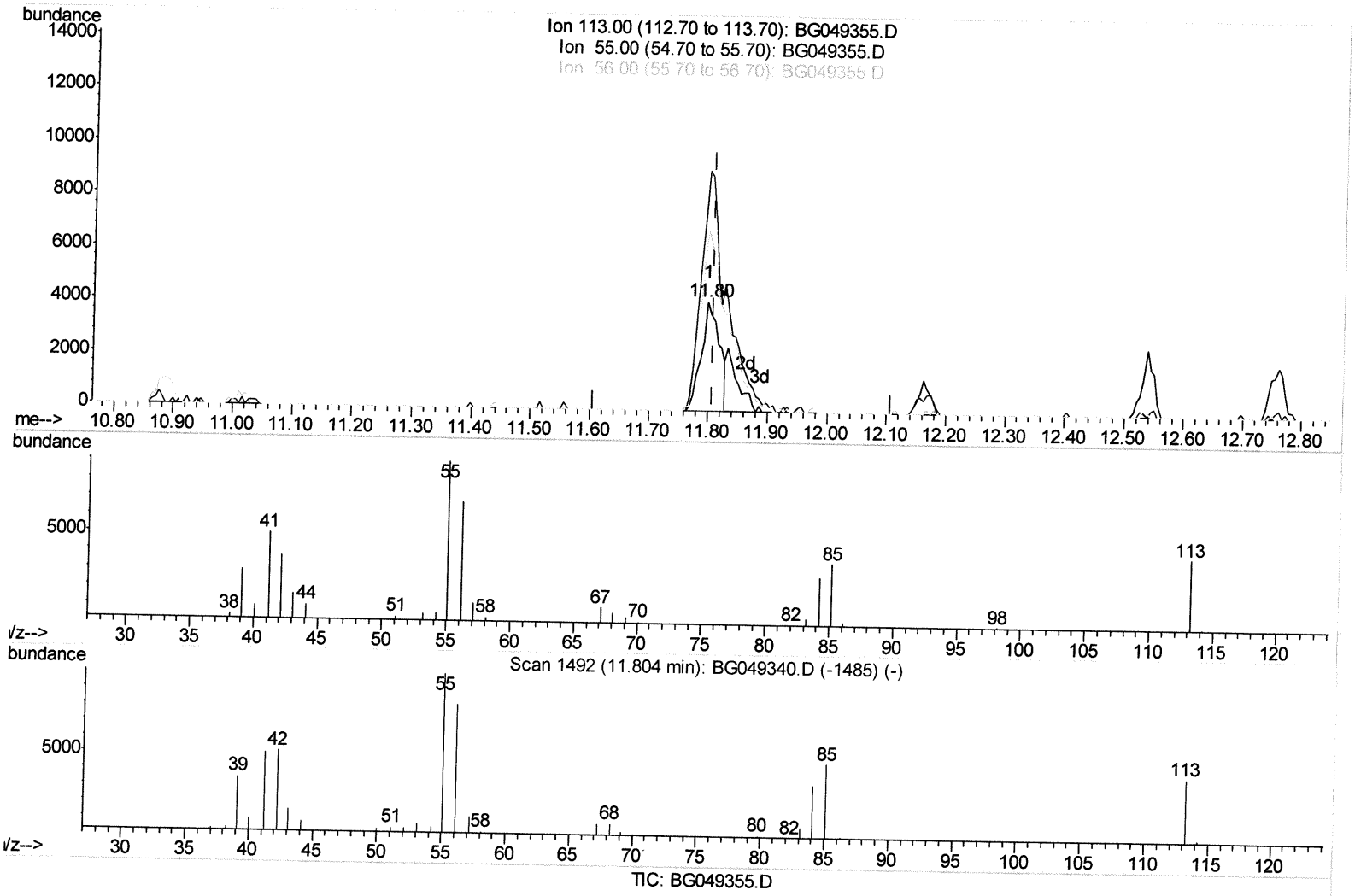

(34) Caprolactam

11.798min (-0.009) 13.71ng/ul

response 8717

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	220.00
56.00	171.90	165.57
0.00	0.00	0.00

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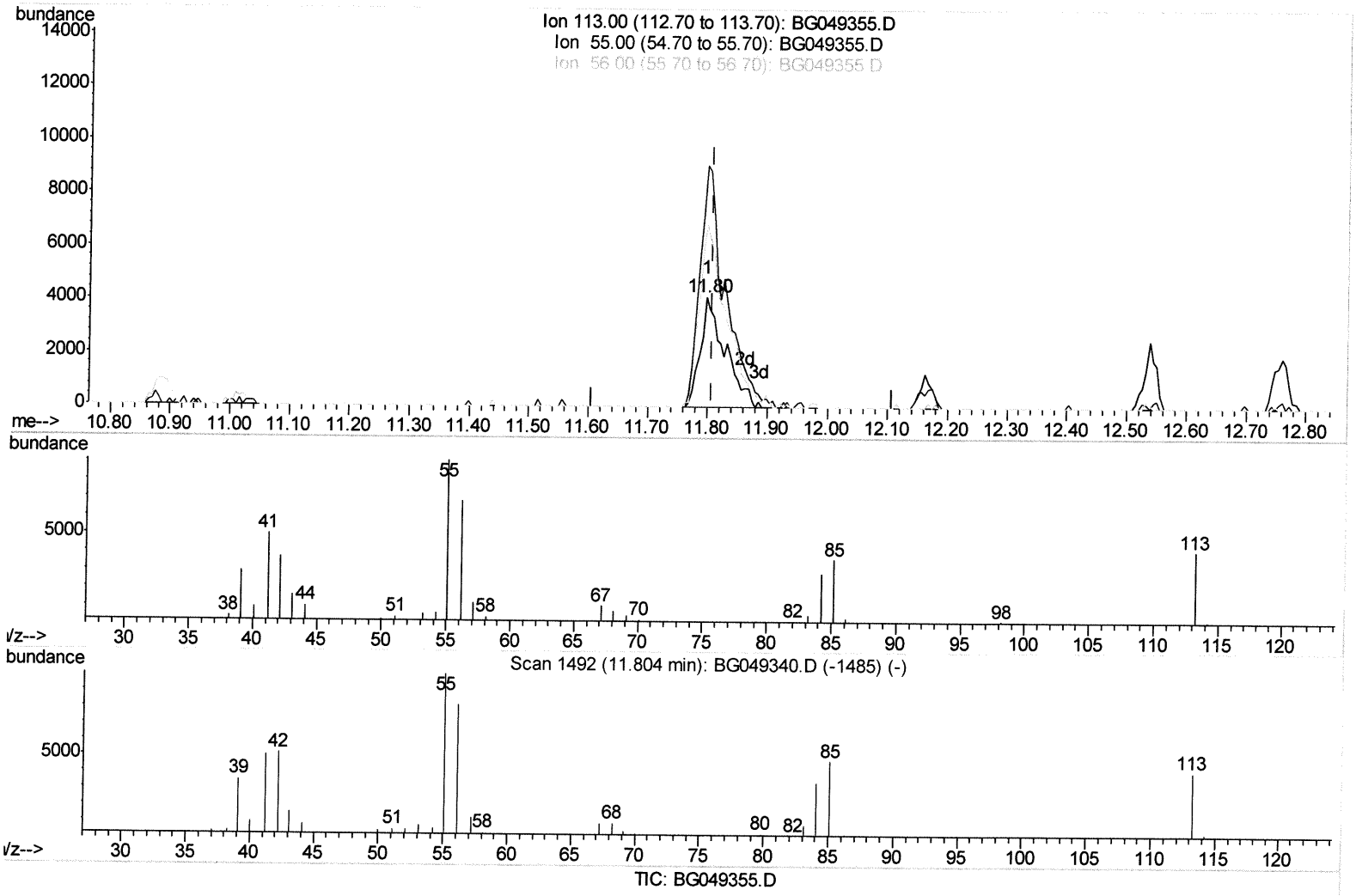

(34) Caprolactam

11.798min (-0.009) 18.56ng/ul m JU 7/16/21

response 11802

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	220.00
56.00	171.90	165.57
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	27479	20.00	ng/ul	-0.02
20) Naphthalene-d8	10.89	136	116390	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.71	164	85485	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.46	188	183952	20.00	ng/ul	0.00
79) Chrysene-d12	21.74	240	186827	20.00	ng/ul	0.00
88) Perylene-d12	25.04	264	192913	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	5132	8.79	ng/uL	-0.02
4) Pyridine-d5	3.88	84	36013	20.97	ng/ul	0.00
7) Phenol-d5	7.22	99	50493	21.12	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.39	67	29029	20.94	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	38316	21.69	ng/ul	0.00
15) 4-Methylphenol-d8	8.78	113	41235	21.53	ng/ul	0.00
21) Nitrobenzene-d5	9.23	128	19117	21.40	ng/ul	0.00
24) 2-Nitrophenol-d4	9.96	143	22918	22.35	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.51	165	45435	22.71	ng/ul	0.00
31) 4-Chloroaniline-d4	11.02	131	54337	20.84	ng/ul	0.00
46) Dimethylphthalate-d6	14.11	166	135705	20.64	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	160830	20.85	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	19603	18.01	ng/ul	0.00
60) Fluorene-d10	15.71	176	116135	20.86	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.82	200	20886	17.86	ng/ul	0.00
73) Anthracene-d10	17.56	188	188720	22.53	ng/ul	0.00
81) Pyrene-d10	19.85	212	212254	22.17	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.81	264	218715	21.81	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	5613	7.890	ng/uL#	86
5) Pyridine	3.90	79	38009	19.947	ng/ul#	87
6) Benzaldehyde	7.20	77	35920	24.980	ng/ul	94
8) Phenol	7.25	94	50773	21.240	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.48	93	36668	20.630	ng/ul#	84
12) 2-Chlorophenol	7.63	128	38576	21.633	ng/ul	97
13) 2-Methylphenol	8.51	108	37976	20.856	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.60	45	63055	22.056	ng/ul	95
16) Acetophenone	8.90	105	66087	21.036	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.87	70	34571	21.657	ng/ul	96
18) 4-Methylphenol	8.84	108	40342	21.297	ng/ul	100
19) Hexachloroethane	9.15	117	16957	21.003	ng/ul#	80
22) Nitrobenzene	9.28	77	54279	21.550	ng/ul	98
23) Isophorone	9.80	82	92730	21.313	ng/ul	98
25) 2-Nitrophenol	9.99	139	23462	22.431	ng/ul	96
26) 2,4-Dimethylphenol	10.05	107	52260	22.564	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.28	93	50631	21.827	ng/ul	97
29) 2,4-Dichlorophenol	10.53	162	42273	23.126	ng/ul	95
30) Naphthalene	10.93	128	125841	21.685	ng/ul	96
32) 4-Chloroaniline	11.04	127	53091	20.655	ng/ul	99
33) Hexachlorobutadiene	11.22	225	33553	21.645	ng/ul	96
34) Caprolactam	11.80	113	11802m	18.560	ng/ul	> 7/16/21

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Quant Time: Jul 15 10:47:02 2021
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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) 4-Chloro-3-methylphenol	12.16	107	45345	22.207 ng/ul	94
36) 2-Methylnaphthalene	12.54	142	97236	22.054 ng/ul	90
37) 1-Methylnaphthalene	12.76	142	95901	21.872 ng/ul#	92
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	58160	21.661 ng/ul#	98
40) Hexachlorocyclopentadiene	12.88	237	30942	17.352 ng/ul	98
41) 2,4,6-Trichlorophenol	13.14	196	37153	21.391 ng/ul#	84
42) 2,4,5-Trichlorophenol	13.22	196	41451	22.438 ng/ul	85
43) 1,1'-Biphenyl	13.54	154	123654	21.410 ng/ul	100
44) 2-Chloronaphthalene	13.59	162	94608	20.908 ng/ul	98
45) 2-Nitroaniline	13.79	65	35243	21.244 ng/ul	92
47) Dimethylphthalate	14.16	163	126675	20.759 ng/ul#	97
48) 2,6-Dinitrotoluene	14.28	165	28277	21.517 ng/ul#	80
50) Acenaphthylene	14.44	152	148159	21.596 ng/ul	99
51) 3-Nitroaniline	14.61	138	24248	20.263 ng/ul	91
52) Acenaphthene	14.78	153	103067	20.687 ng/ul	98
53) 2,4-Dinitrophenol	14.82	184	19643	23.585 ng/ul#	79
55) 4-Nitrophenol	14.92	109	26093	18.995 ng/ul	99
56) Dibenzofuran	15.11	168	149484	21.171 ng/ul	95
57) 2,4-Dinitrotoluene	15.06	165	38410	20.254 ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.33	232	34054	19.658 ng/ul	95
59) Diethylphthalate	15.52	149	132333	20.175 ng/ul	98
61) Fluorene	15.76	166	124791	20.882 ng/ul	92
62) 4-Chlorophenyl-phenylether	15.75	204	68518	20.857 ng/ul	94
63) 4-Nitroaniline	15.78	138	24493	20.849 ng/ul	89
66) 4,6-Dinitro-2-methylphenol	15.83	198	19484	17.511 ng/ul#	96
67) N-Nitrosodiphenylamine	15.96	169	107974	23.054 ng/ul	99
68) 4-Bromophenyl-phenylether	16.65	248	46773	22.797 ng/ul	95
69) Hexachlorobenzene	16.77	284	51772	22.281 ng/ul	92
70) Atrazine	16.91	200	46779	21.824 ng/ul	98
71) Pentachlorophenol	17.12	266	25784	18.592 ng/ul	91
72) Phenanthrene	17.50	178	202288	22.546 ng/ul	98
74) Anthracene	17.60	178	201536	21.989 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.51	216	57168	22.781 ng/uL	94
76) Pentachlorobenzene	15.03	250	60297	22.649 ng/uL	97
77) Carbazole	17.86	167	175762	21.497 ng/ul	98
78) Di-n-butylphthalate	18.41	149	214260	20.945 ng/ul	98
80) Fluoranthene	19.51	202	245568	22.051 ng/ul	99
82) Pyrene	19.88	202	243474	21.942 ng/ul	99
83) Butylbenzylphthalate	20.75	149	91219	20.939 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.64	252	96721	22.158 ng/ul	97
85) Benzo(a)anthracene	21.73	228	242227	21.097 ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.62	149	133882	21.071 ng/ul	97
87) Chrysene	21.79	228	229307	21.114 ng/ul	98
89) Di-n-octyl phthalate	22.86	149	228573	21.050 ng/ul	100
90) Benzo(b)fluoranthene	23.98	252	263866	22.172 ng/ul	97
91) Benzo(k)fluoranthene	24.05	252	248471	21.413 ng/ul	97
93) Benzo(a)pyrene	24.88	252	228511	21.818 ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.79	276	297890	22.045 ng/ul#	98
95) Dibenzo(a,h)anthracene	28.86	278	245896	21.970 ng/ul	95
96) Benzo(g,h,i)perylene	29.96	276	246906	22.100 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