Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\
Data File : BG049365.D
Acq On : 15 Jul 2021 17:16
Operator : CG/JU
Sample : PB137708BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jul 15 18:18:05 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
ClientSampleId :
SLCS708

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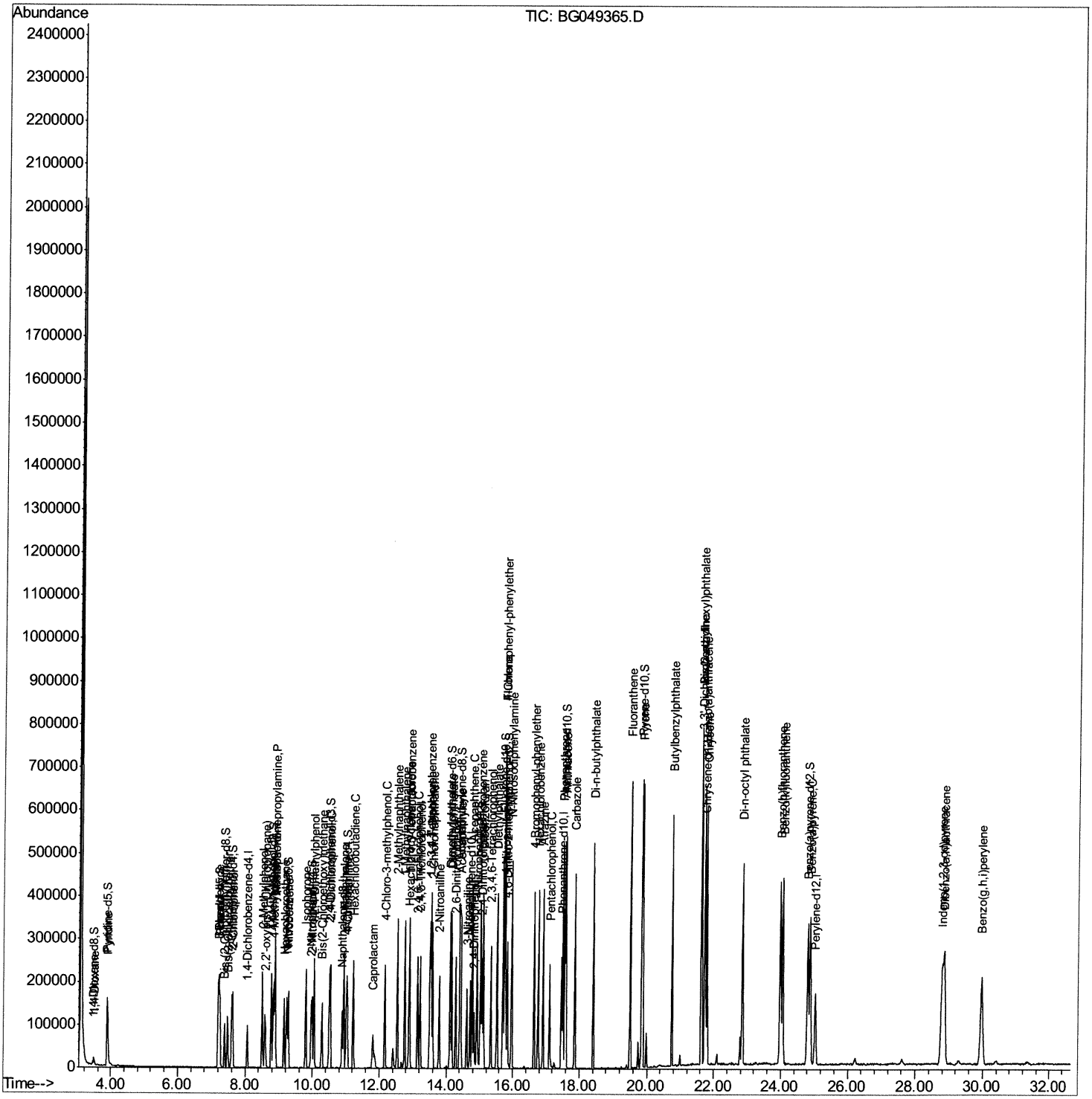

Quantitation Report (Qedit)

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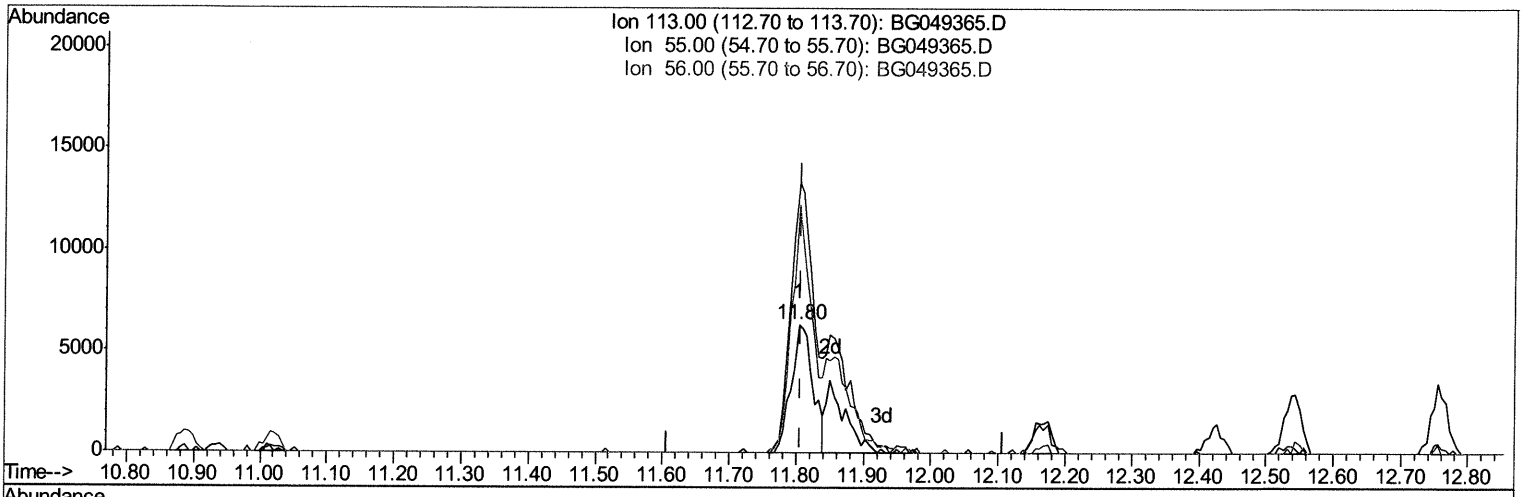

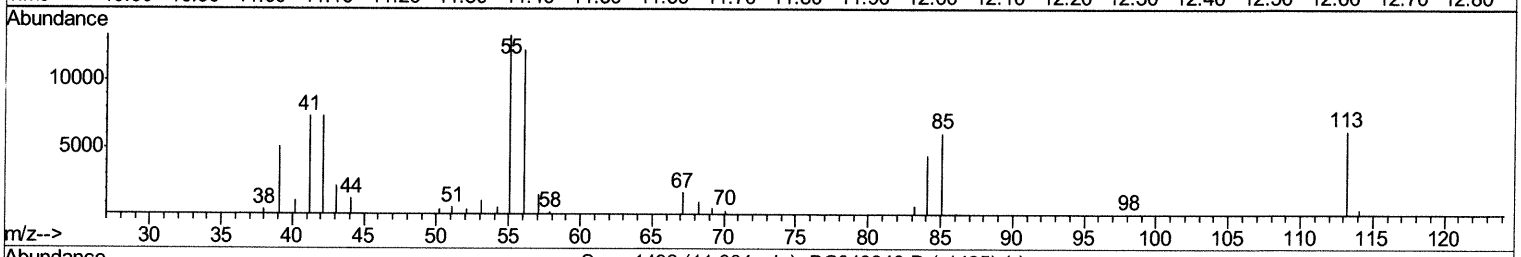

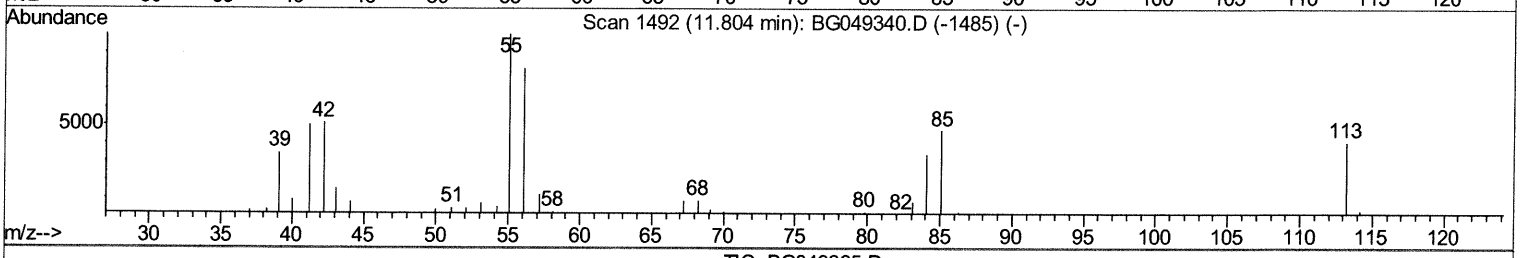

TIC: BG049365.D

(34) Caprolactam

11.803min (-0.004) 24.21ng/ul

response 14103

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	210.87
56.00	171.90	194.10
0.00	0.00	0.00

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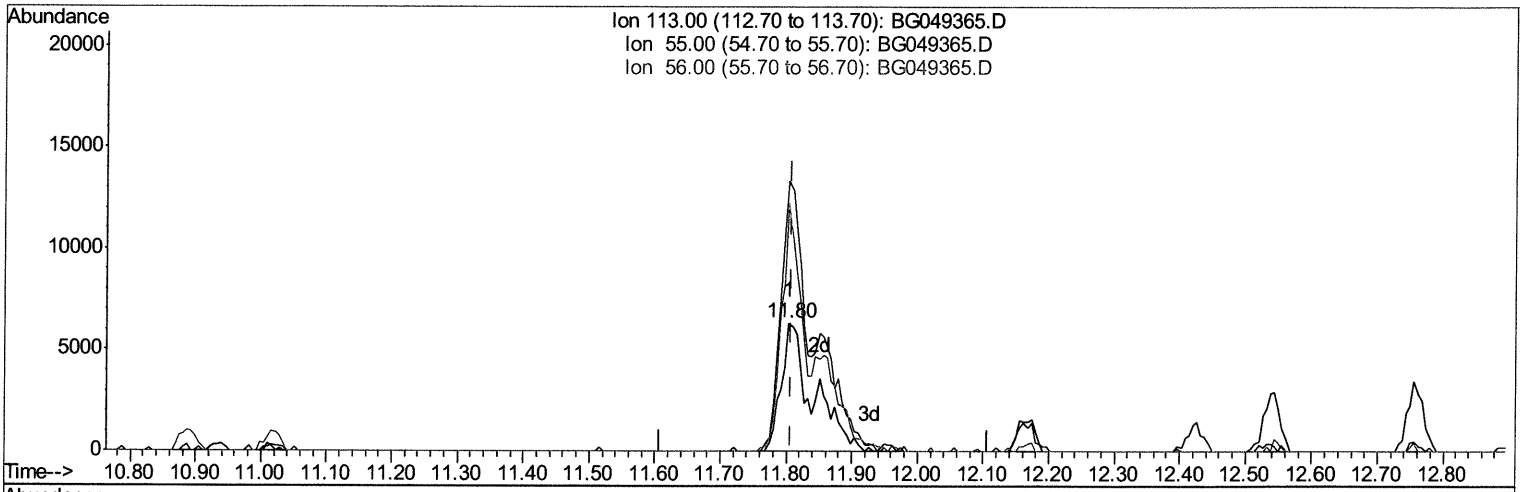

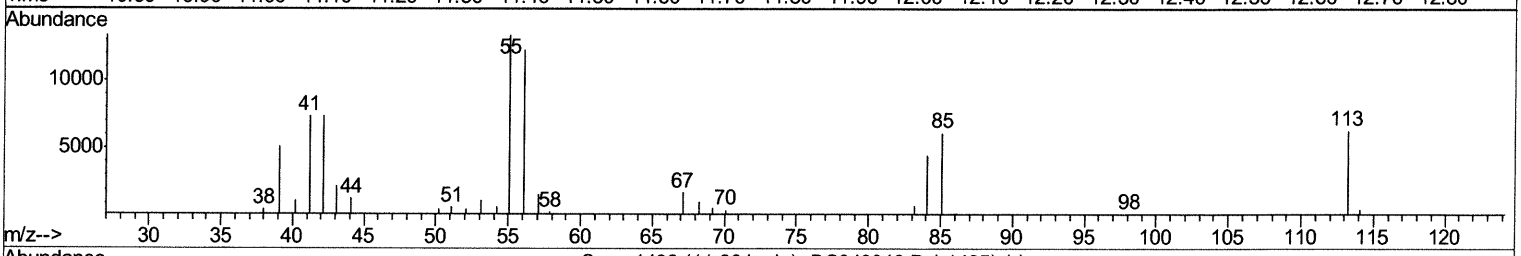

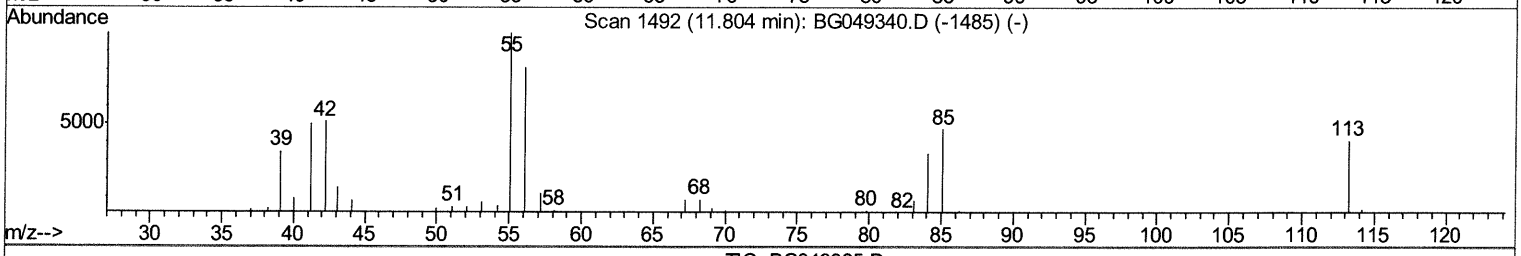

TIC: BG049365.D

(34) Caprolactam

11.803min (-0.004) 36.18ng/ul m 07/20/21 JU

response 21069

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	210.87
56.00	171.90	194.10
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	8.07	152	26129	20.00	ng/ul	-0.02
20) Naphthalene-d8	10.89	136	106600	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.71	164	73396	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.46	188	162233	20.00	ng/ul	0.00
79) Chrysene-d12	21.74	240	164629	20.00	ng/ul	0.00
88) Perylene-d12	25.03	264	181260	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	4479	8.06	ng/uL	-0.02
4) Pyridine-d5	3.88	84	64926	39.75	ng/ul	0.00
7) Phenol-d5	7.22	99	87922	38.68	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.38	67	51255	38.88	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	65840	39.19	ng/ul	0.00
15) 4-Methylphenol-d8	8.78	113	72912	40.04	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	33439	40.88	ng/ul	0.00
24) 2-Nitrophenol-d4	9.96	143	40996	43.66	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.50	165	77521	42.31	ng/ul	0.00
31) 4-Chloroaniline-d4	11.02	131	84679	35.46	ng/ul	0.00
46) Dimethylphthalate-d6	14.11	166	236744	41.94	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	279338	42.18	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	33747	36.12	ng/ul	0.00
60) Fluorene-d10	15.70	176	195508	40.91	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.82	200	40450	39.23	ng/ul	0.00
73) Anthracene-d10	17.56	188	321350	43.51	ng/ul	0.00
81) Pyrene-d10	19.85	212	377397	44.73	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.81	264	393294	41.74	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	8842	13.071	ng/uL#	84
5) Pyridine	3.89	79	63257	34.912	ng/ul	93
6) Benzaldehyde	7.20	77	57156	41.801	ng/ul	94
8) Phenol	7.25	94	87162	38.346	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.48	93	63382	37.502	ng/ul#	79
12) 2-Chlorophenol	7.63	128	65713	38.756	ng/ul	98
13) 2-Methylphenol	8.51	108	66846	38.608	ng/ul	93
14) 2,2'-oxybis(1-Chloropropan	8.59	45	108412	39.881	ng/ul	96
16) Acetophenone	8.89	105	111102	37.193	ng/ul	90
17) N-Nitroso-di-n-propylamine	8.88	70	59586	39.257	ng/ul#	85
18) 4-Methylphenol	8.84	108	69561	38.619	ng/ul	99
19) Hexachloroethane	9.16	117	30624	39.890	ng/ul	81
22) Nitrobenzene	9.28	77	92588	40.136	ng/ul#	92
23) Isophorone	9.80	82	155904	39.124	ng/ul	97
25) 2-Nitrophenol	9.99	139	38822	40.524	ng/ul	95
26) 2,4-Dimethylphenol	10.05	107	84720	39.939	ng/ul	96
27) Bis(2-Chloroethoxy)methane	10.28	93	86293	40.617	ng/ul	92
29) 2,4-Dichlorophenol	10.53	162	69834	41.712	ng/ul	96
30) Naphthalene	10.94	128	213832	40.233	ng/ul	97
32) 4-Chloroaniline	11.05	127	82079	34.866	ng/ul	97
33) Hexachlorobutadiene	11.22	225	59578	41.964	ng/ul	98
34) Caprolactam	11.80	113	21069m >	36.175	ng/ul >	

07/20/21 JV

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.17	107	77776	41.588	ng/ul#	90
36) 2-Methylnaphthalene	12.54	142	162526	40.248	ng/ul	96
37) 1-Methylnaphthalene	12.76	142	156391	38.944	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	99134	43.003	ng/ul	95
40) Hexachlorocyclopentadiene	12.88	237	53519	34.957	ng/ul	95
41) 2,4,6-Trichlorophenol	13.14	196	64829	43.474	ng/ul	93
42) 2,4,5-Trichlorophenol	13.22	196	68322	43.076	ng/ul	94
43) 1,1'-Biphenyl	13.54	154	205443	41.431	ng/ul	98
44) 2-Chloronaphthalene	13.59	162	159553	41.068	ng/ul	99
45) 2-Nitroaniline	13.79	65	61557	43.217	ng/ul	89
47) Dimethylphthalate	14.16	163	214335	40.909	ng/ul	98
48) 2,6-Dinitrotoluene	14.28	165	45707	40.509	ng/ul	87
50) Acenaphthylene	14.44	152	243372	41.318	ng/ul	98
51) 3-Nitroaniline	14.62	138	39606	38.548	ng/ul#	94
52) Acenaphthene	14.78	153	177712	41.544	ng/ul	99
53) 2,4-Dinitrophenol	14.82	184	28450	39.785	ng/ul#	88
55) 4-Nitrophenol	14.92	109	45202	38.326	ng/ul	96
56) Dibenzofuran	15.11	168	247628	40.847	ng/ul	97
57) 2,4-Dinitrotoluene	15.07	165	64229	39.447	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.33	232	58129	39.083	ng/ul	93
59) Diethylphthalate	15.52	149	224255	39.820	ng/ul	98
61) Fluorene	15.76	166	207510	40.444	ng/ul	93
62) 4-Chlorophenyl-phenylether	15.75	204	119529	42.377	ng/ul	98
63) 4-Nitroaniline	15.78	138	39798	39.457	ng/ul	88
66) 4,6-Dinitro-2-methylphenol	15.83	198	37064	37.771	ng/ul#	91
67) N-Nitrosodiphenylamine	15.96	169	176277	42.677	ng/ul	97
68) 4-Bromophenyl-phenylether	16.64	248	78885	43.596	ng/ul	98
69) Hexachlorobenzene	16.77	284	90589	44.206	ng/ul	96
70) Atrazine	16.91	200	80044	42.343	ng/ul	96
71) Pentachlorophenol	17.11	266	49780	40.701	ng/ul	97
72) Phenanthrene	17.50	178	335936	42.454	ng/ul	98
74) Anthracene	17.60	178	333598	41.270	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.51	216	100292	45.315	ng/uL	96
76) Pentachlorobenzene	15.03	250	105128	44.776	ng/uL	98
77) Carbazole	17.86	167	296566	41.128	ng/ul	99
78) Di-n-butylphthalate	18.42	149	362681	40.199	ng/ul	99
80) Fluoranthene	19.51	202	417421	42.536	ng/ul	99
82) Pyrene	19.88	202	412668	42.204	ng/ul	98
83) Butylbenzylphthalate	20.75	149	162249	42.266	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.64	252	156698	40.739	ng/ul	98
85) Benzo(a)anthracene	21.73	228	421551	41.667	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.62	149	238866	42.662	ng/ul	98
87) Chrysene	21.79	228	398722	41.664	ng/ul	99
89) Di-n-octyl phthalate	22.85	149	403987	39.595	ng/ul	100
90) Benzo(b)fluoranthene	23.99	252	478908	42.828	ng/ul#	97
91) Benzo(k)fluoranthene	24.05	252	436424	40.028	ng/ul	96
93) Benzo(a)pyrene	24.88	252	404278	41.082	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.79	276	532433	41.935	ng/ul	98
95) Dibenzo(a,h)anthracene	28.87	278	440352	41.873	ng/ul	93
96) Benzo(g,h,i)perylene	29.98	276	441872	42.094	ng/ul#	93

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

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