Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG012921\
Data File : BG048071.D
Acq On : 29 Jan 2021 13:35
Operator : CG/JU
Sample : SSTD04003
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 29 14:49:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 29 14:00:06 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD040003

Manual Integrations APPROVED
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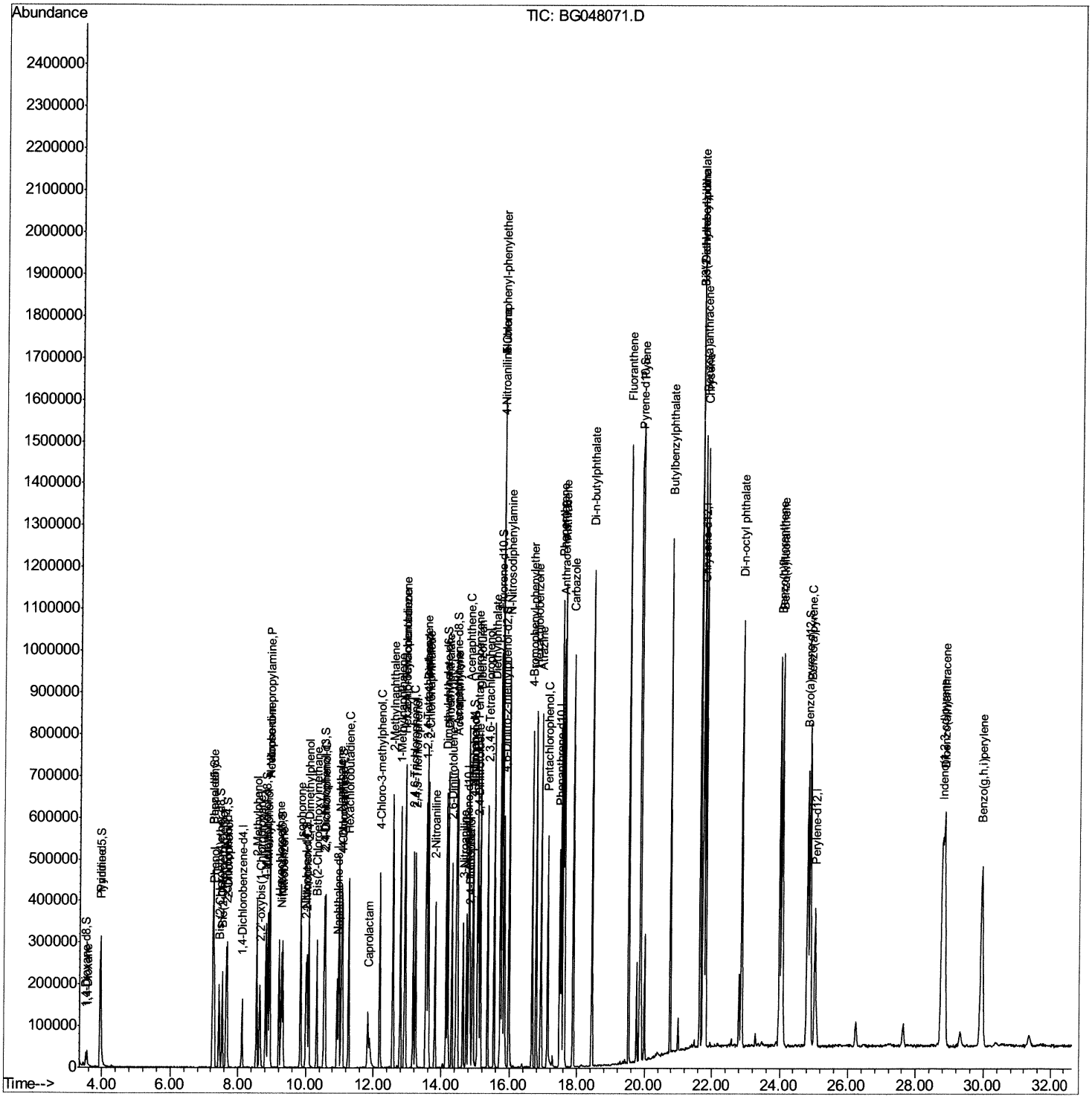

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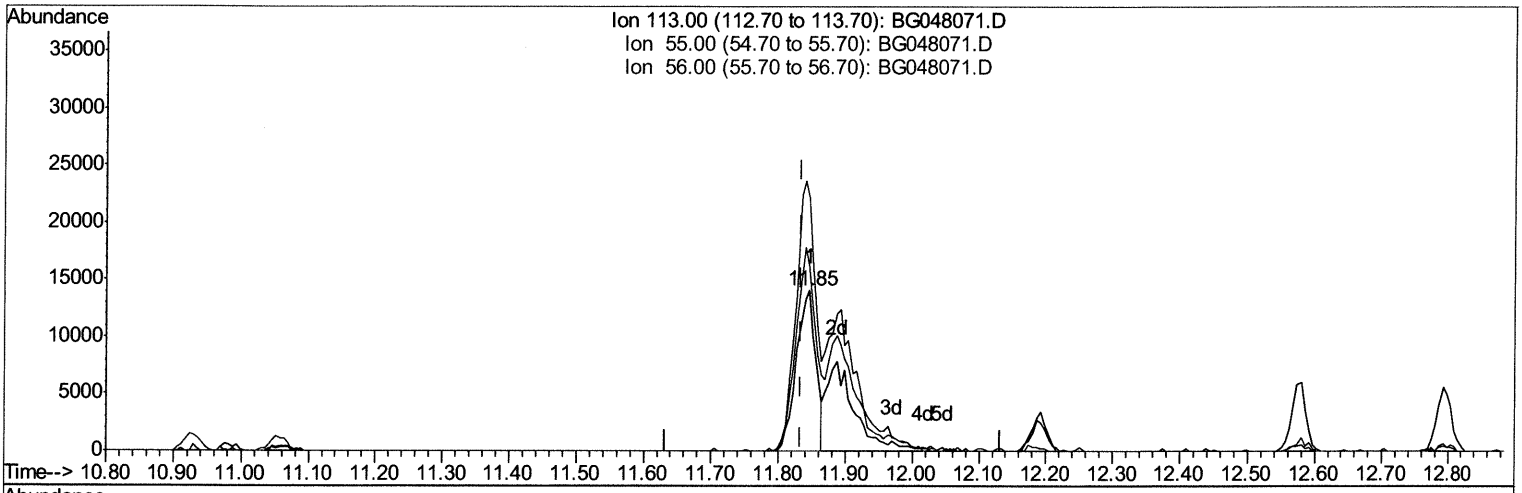

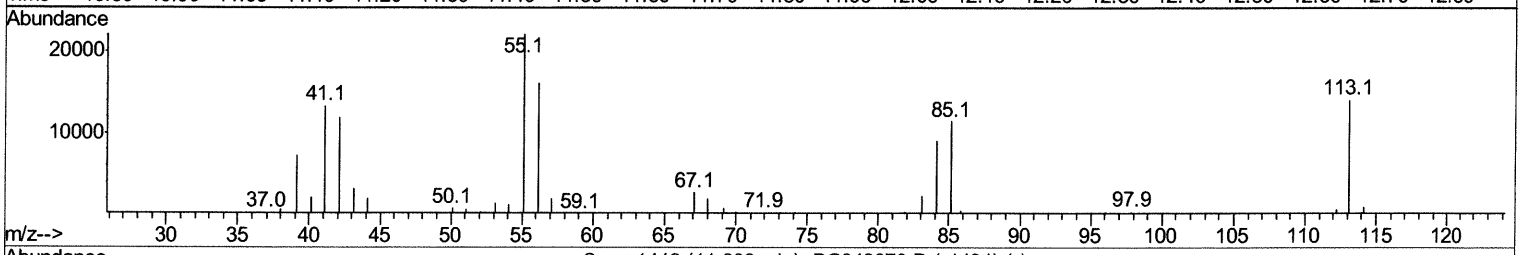

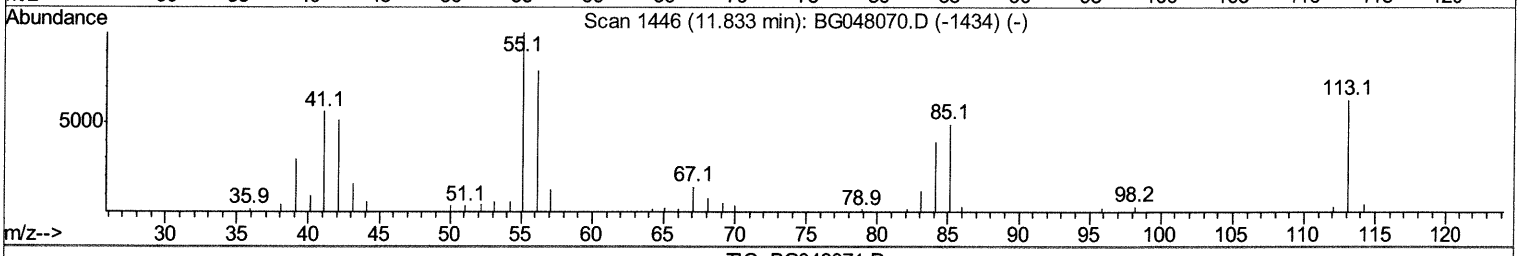

TIC: BG048071.D

(34) Caprolactam

11.846min (+0.013) 26.72ng/ul

response 27897

Ion	Exp%	Act%
113.00	100	100
55.00	159.60	157.23
56.00	126.10	114.95
0.00	0.00	0.00

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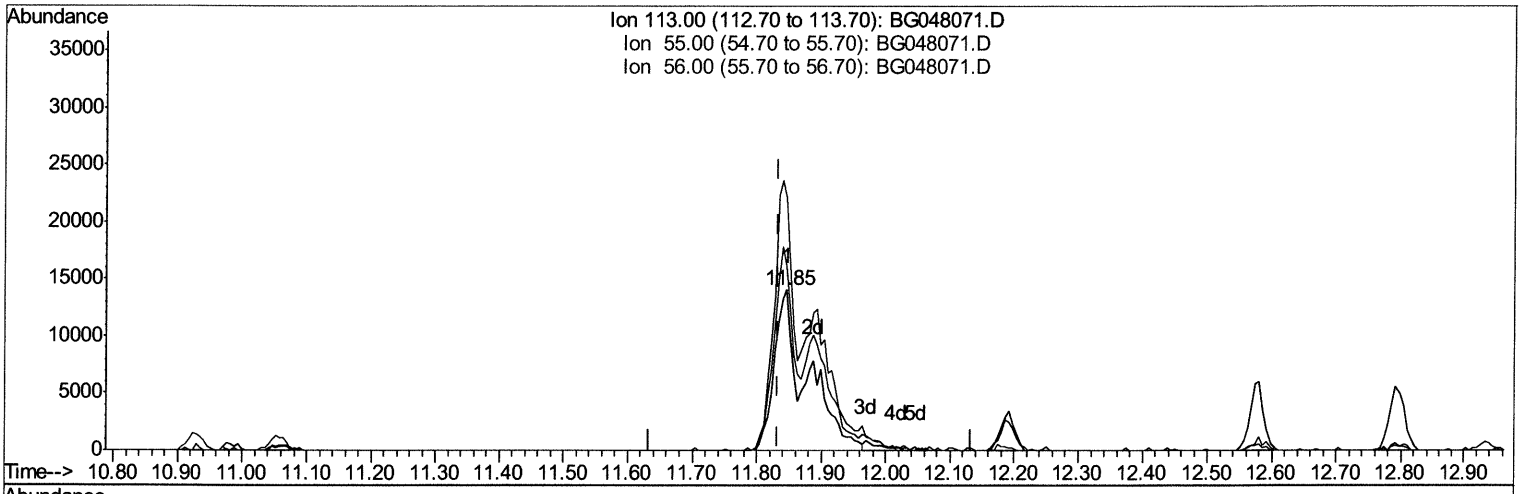

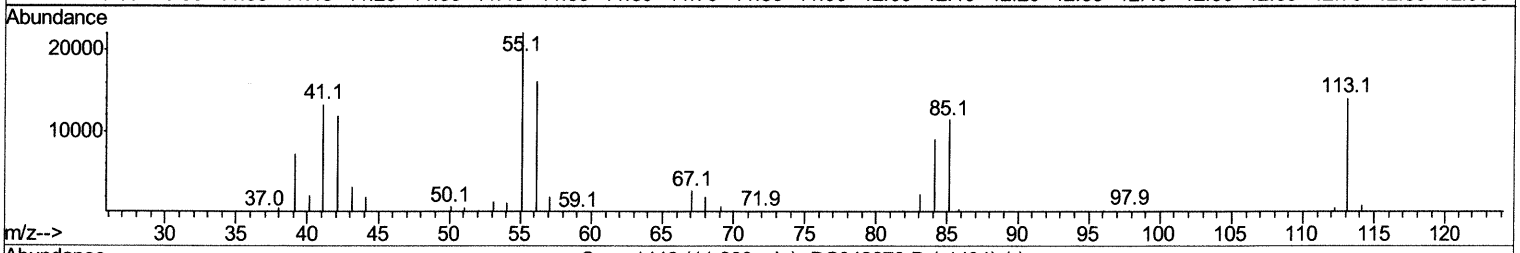

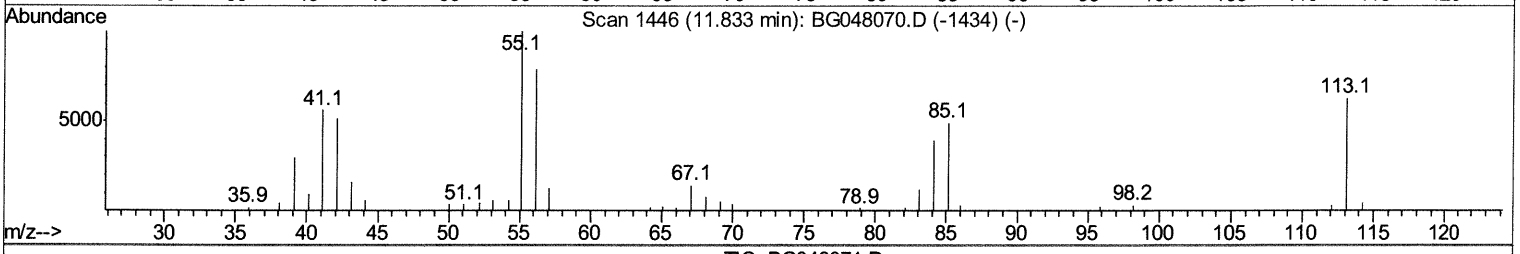

TIC: BG048071.D

(34) Caprolactam

11.846min (+0.013) 47.34ng/ul m 02/22/21 JU

response 49421

Ion	Exp%	Act%
113.00	100	100
55.00	159.60	157.23
56.00	126.10	114.95
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	43494	20.00	ng/ul	0.00
20) Naphthalene-d8	10.93	136	175655	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.74	164	131208	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.48	188	331153	20.00	ng/ul	0.00
79) Chrysene-d12	21.76	240	347311	20.00	ng/ul	0.00
88) Perylene-d12	25.04	264	367730	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	19183	16.12	ng/uL	0.00
4) Pyridine-d5	3.94	84	143459	43.39	ng/ul	0.00
7) Phenol-d5	7.26	99	168892	46.33	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.44	67	101417	43.35	ng/ul	0.00
11) 2-Chlorophenol-d4	7.64	132	120587	43.31	ng/ul	0.00
15) 4-Methylphenol-d8	8.81	113	131294	45.37	ng/ul	0.00
21) Nitrobenzene-d5	9.28	128	61195	48.73	ng/ul	0.00
24) 2-Nitrophenol-d4	10.00	143	74995	60.49	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.54	165	142943	46.39	ng/ul	0.00
31) 4-Chloroaniline-d4	11.05	131	178399	42.24	ng/ul	0.00
46) Dimethylphthalate-d6	14.14	166	436625	41.03	ng/ul	0.00
49) Acenaphthylene-d8	14.44	160	494553	39.25	ng/ul	0.00
54) 4-Nitrophenol-d4	14.92	143	81630	46.56	ng/ul	0.00
60) Fluorene-d10	15.73	176	391401	40.62	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.84	200	96219	59.24	ng/ul	0.00
73) Anthracene-d10	17.58	188	631302	39.98	ng/ul	0.00
81) Pyrene-d10	19.86	212	767915	40.66	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.81	264	809521	40.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	21406	16.550	ng/uL	96
5) Pyridine	3.96	79	147129	44.263	ng/ul	94
6) Benzaldehyde	7.25	77	93394	54.578	ng/ul	98
8) Phenol	7.29	94	171599	46.561	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.53	93	131424	45.353	ng/ul	95
12) 2-Chlorophenol	7.68	128	121088	44.471	ng/ul	95
13) 2-Methylphenol	8.55	108	123913	43.613	ng/ul	91
14) 2,2'-oxybis(1-Chloropropan	8.64	45	168127	39.541	ng/ul	96
16) Acetophenone	8.94	105	208702	47.158	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.93	70	118991	45.450	ng/ul	98
18) 4-Methylphenol	8.88	108	132736	44.654	ng/ul	87
19) Hexachloroethane	9.21	117	54647	44.436	ng/ul	96
22) Nitrobenzene	9.33	77	178325	47.835	ng/ul	98
23) Isophorone	9.85	82	320811	42.651	ng/ul	99
25) 2-Nitrophenol	10.04	139	72907	51.382	ng/ul#	87
26) 2,4-Dimethylphenol	10.08	107	154953	43.460	ng/ul	95
27) Bis(2-Chloroethoxy)methane	10.32	93	180910	43.959	ng/ul	95
29) 2,4-Dichlorophenol	10.57	162	135287	47.120	ng/ul	99
30) Naphthalene	10.98	128	401507	42.145	ng/ul	97
32) 4-Chloroaniline	11.08	127	169282	43.191	ng/ul	94
33) Hexachlorobutadiene	11.26	225	111457	43.567	ng/ul	96
34) Caprolactam	11.85	113	49421m >	47.344	ng/ul >	

02/22/21 JG

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Quant Time: Jan 29 14:49:19 2021
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.19	107	149978	46.326 ng/ul	96
36) 2-Methylnaphthalene	12.57	142	290133	41.030 ng/ul	94
37) 1-Methylnaphthalene	12.79	142	282271	41.481 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	205653	42.170 ng/ul#	97
40) Hexachlorocyclopentadiene	12.92	237	136626	48.634 ng/ul	95
41) 2,4,6-Trichlorophenol	13.17	196	135383	48.337 ng/ul	97
42) 2,4,5-Trichlorophenol	13.24	196	146157	47.898 ng/ul	96
43) 1,1'-Biphenyl	13.57	154	392441	38.881 ng/ul	97
44) 2-Chloronaphthalene	13.62	162	331493	42.210 ng/ul	98
45) 2-Nitroaniline	13.81	65	115796	53.236 ng/ul	96
47) Dimethylphthalate	14.19	163	447522	41.025 ng/ul	98
48) 2,6-Dinitrotoluene	14.31	165	97296	50.822 ng/ul	93
50) Acenaphthylene	14.47	152	475584	39.043 ng/ul	99
51) 3-Nitroaniline	14.64	138	80266	48.944 ng/ul#	99
52) Acenaphthene	14.81	153	350738	39.457 ng/ul	97
53) 2,4-Dinitrophenol	14.84	184	64850	60.213 ng/ul	94
55) 4-Nitrophenol	14.93	109	84124	46.698 ng/ul	99
56) Dibenzofuran	15.14	168	499555	41.397 ng/ul	99
57) 2,4-Dinitrotoluene	15.09	165	141347	51.847 ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.36	232	142993	50.266 ng/ul	98
59) Diethylphthalate	15.55	149	465113	42.975 ng/ul	98
61) Fluorene	15.79	166	413516	40.248 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.78	204	247553	42.384 ng/ul	97
63) 4-Nitroaniline	15.79	138	82504	51.255 ng/ul	88
66) 4,6-Dinitro-2-methylphenol	15.85	198	101158	57.185 ng/ul#	96
67) N-Nitrosodiphenylamine	15.99	169	374999	39.602 ng/ul	97
68) 4-Bromophenyl-phenylether	16.67	248	173890	43.526 ng/ul	95
69) Hexachlorobenzene	16.79	284	183050	44.422 ng/ul	98
70) Atrazine	16.93	200	179271	45.477 ng/ul	98
71) Pentachlorophenol	17.13	266	113910	45.274 ng/ul	94
72) Phenanthrene	17.53	178	737262	40.806 ng/ul	99
74) Anthracene	17.62	178	743348	41.114 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.54	216	207070	40.361 ng/uL	99
76) Pentachlorobenzene	15.06	250	213516	43.272 ng/uL	97
77) Carbazole	17.88	167	640432	43.262 ng/ul	99
78) Di-n-butylphthalate	18.44	149	798506	42.148 ng/ul	99
80) Fluoranthene	19.52	202	974919	40.613 ng/ul	98
82) Pyrene	19.89	202	945597	39.987 ng/ul	99
83) Butylbenzylphthalate	20.76	149	359501	43.367 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.65	252	349132	45.061 ng/ul	99
85) Benzo(a)anthracene	21.74	228	960193	39.362 ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.64	149	510570	42.584 ng/ul	97
87) Chrysene	21.80	228	923836	39.784 ng/ul	97
89) Di-n-octyl phthalate	22.87	149	861035	42.417 ng/ul	100
90) Benzo(b)fluoranthene	23.99	252	976713	38.292 ng/ul	99
91) Benzo(k)fluoranthene	24.07	252	967606	39.698 ng/ul	98
93) Benzo(a)pyrene	24.88	252	899761	39.561 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.77	276	1119209	39.805 ng/ul	98
95) Dibenzo(a,h)anthracene	28.84	278	934238	40.274 ng/ul	99
96) Benzo(g,h,i)perylene	29.95	276	935770	40.210 ng/ul	98

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

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