Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012921\
Data File : BG048074.D
Acq On : 29 Jan 2021 15:50
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 29 16:27:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 29 15:40:55 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV008

Manual Integrations APPROVED
mohammad
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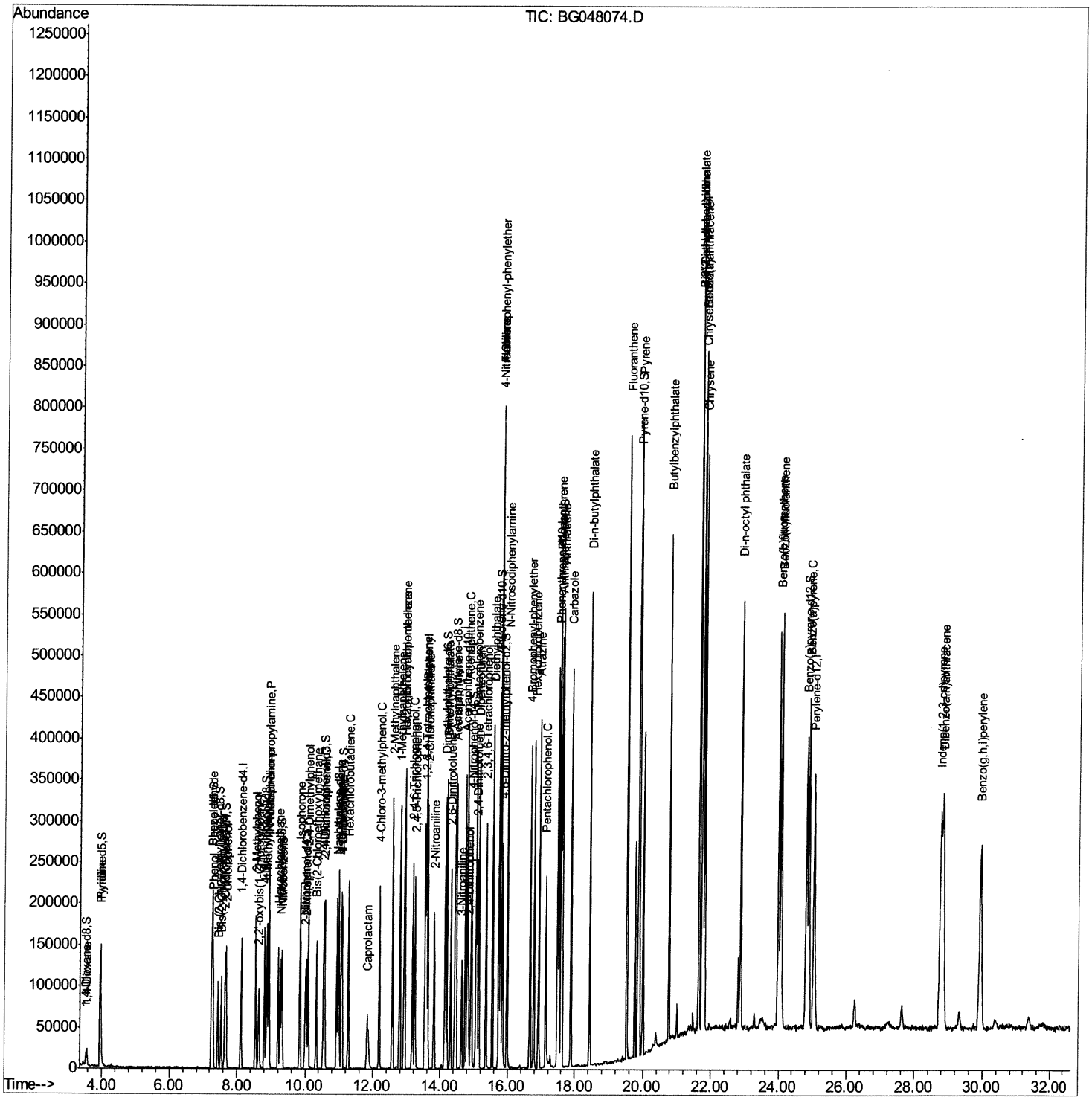

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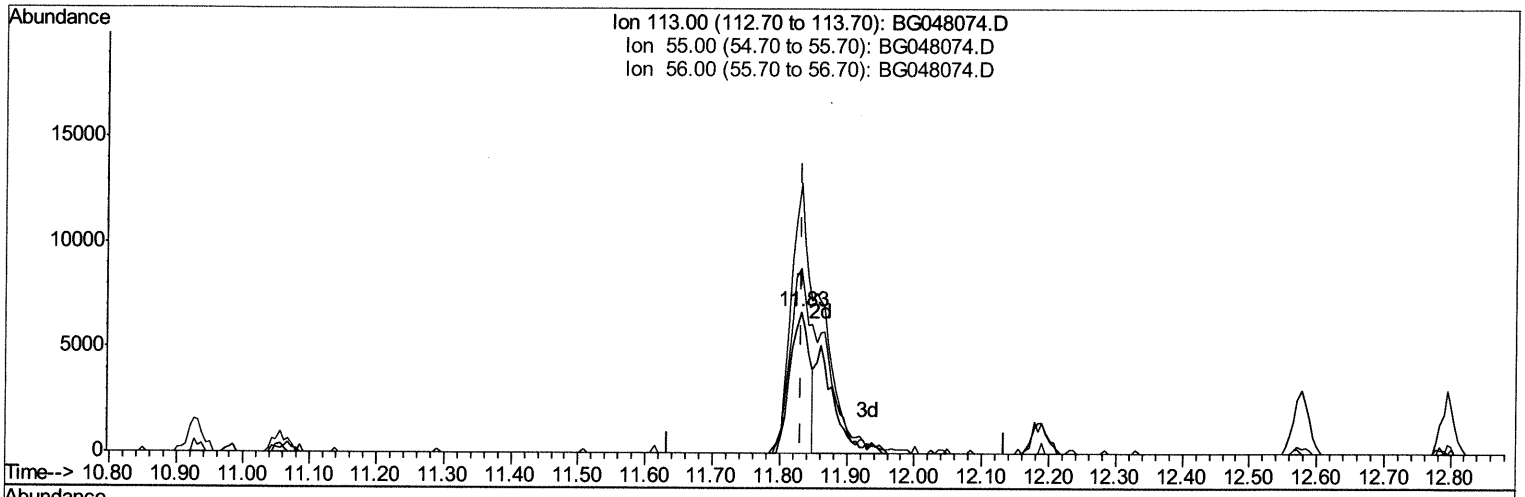

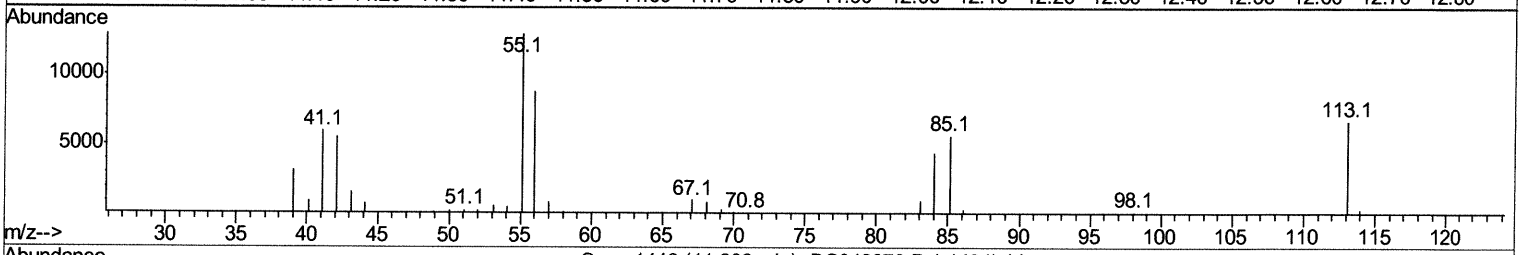

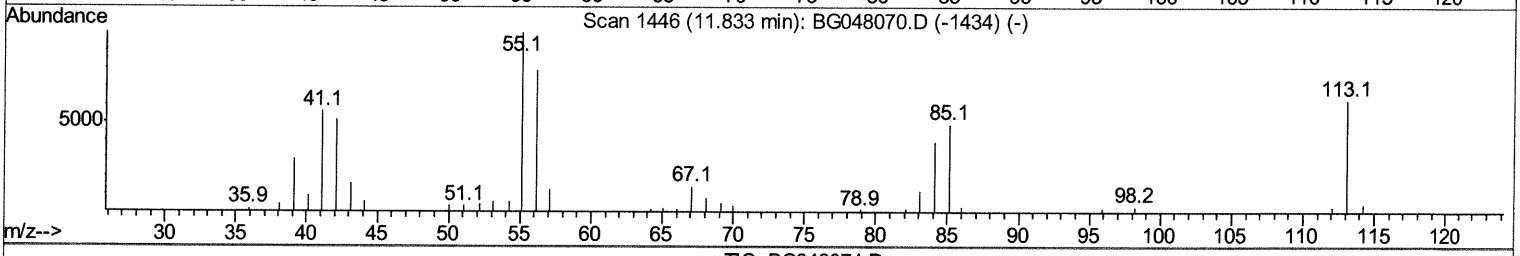

TIC: BG048074.D

(34) Caprolactam

11.831min (-0.002) 12.69ng/ul

response 13587

Ion	Exp%	Act%
113.00	100	100
55.00	159.60	191.05
56.00	126.10	131.00
0.00	0.00	0.00

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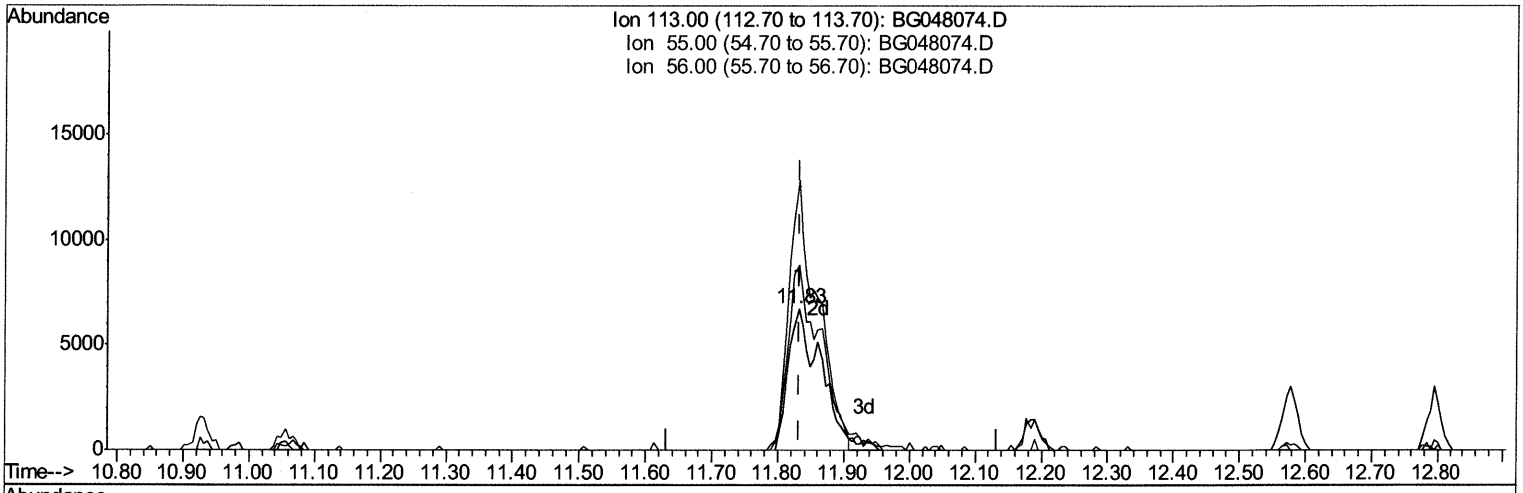

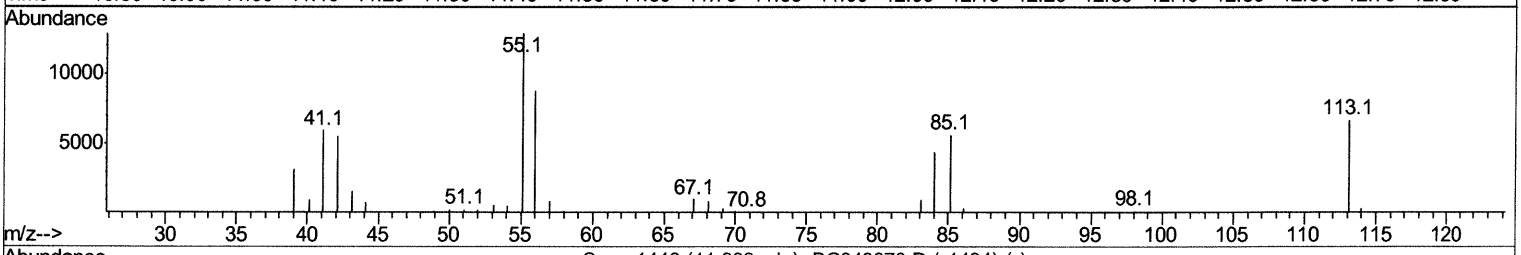

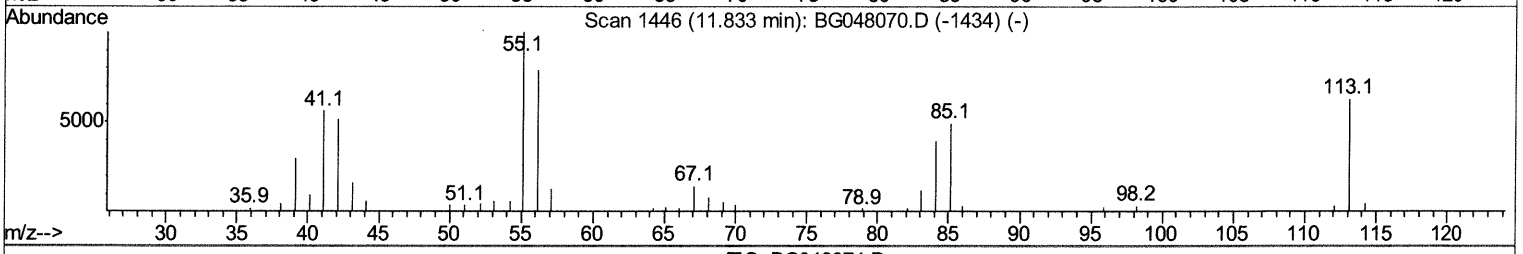

TIC: BG048074.D

(34) Caprolactam

11.831min (-0.002) 21.23ng/ul m 02/22/21 JU

response 22726

Ion	Exp%	Act%
113.00	100	100
55.00	159.60	191.05
56.00	126.10	131.00
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	8.12	152	41827	20.00	ng/ul	0.00
20) Naphthalene-d8	10.93	136	164921	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.74	164	125639	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.48	188	306510	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	338537	20.00	ng/ul	0.00
88) Perylene-d12	25.03	264	343553	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	9445	8.49	ng/uL	0.00
4) Pyridine-d5	3.94	84	70748	21.78	ng/ul	0.00
7) Phenol-d5	7.26	99	78985	20.25	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.44	67	49065	20.88	ng/ul	0.00
11) 2-Chlorophenol-d4	7.64	132	57643	20.31	ng/ul	0.00
15) 4-Methylphenol-d8	8.81	113	62933	20.44	ng/ul	0.00
21) Nitrobenzene-d5	9.27	128	30124	21.72	ng/ul	0.00
24) 2-Nitrophenol-d4	10.00	143	35604	20.89	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.54	165	67859	21.04	ng/ul	0.00
31) 4-Chloroaniline-d4	11.06	131	90558	21.92	ng/ul	0.00
46) Dimethylphthalate-d6	14.14	166	213768	20.37	ng/ul	0.00
49) Acenaphthylene-d8	14.43	160	249293	20.65	ng/ul	0.00
54) 4-Nitrophenol-d4	14.92	143	40723	21.64	ng/ul	0.00
60) Fluorene-d10	15.73	176	192772	20.50	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.84	200	44119	20.13	ng/ul	0.00
73) Anthracene-d10	17.58	188	314674	21.26	ng/ul	0.00
81) Pyrene-d10	19.86	212	390882	20.71	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.81	264	422132	22.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	10506	8.384	ng/uL#	87
5) Pyridine	3.96	79	73501	22.088	ng/ul	99
6) Benzaldehyde	7.25	77	40323	21.310	ng/ul	98
8) Phenol	7.29	94	81697	20.664	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.52	93	62891	20.757	ng/ul	94
12) 2-Chlorophenol	7.68	128	59105	21.163	ng/ul	98
13) 2-Methylphenol	8.55	108	58536	20.519	ng/ul	87
14) 2,2'-oxybis(1-Chloropropan	8.64	45	80670	20.541	ng/ul	96
16) Acetophenone	8.94	105	103179	21.109	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.92	70	56339	20.134	ng/ul#	96
18) 4-Methylphenol	8.88	108	66390	21.263	ng/ul	99
19) Hexachloroethane	9.20	117	26932	20.849	ng/ul	89
22) Nitrobenzene	9.32	77	84643	20.366	ng/ul	96
23) Isophorone	9.84	82	158895	20.988	ng/ul	99
25) 2-Nitrophenol	10.03	139	36899	21.539	ng/ul	93
26) 2,4-Dimethylphenol	10.09	107	75382	21.042	ng/ul	95
27) Bis(2-Chloroethoxy)methane	10.33	93	88298	20.658	ng/ul	97
29) 2,4-Dichlorophenol	10.57	162	65546	21.307	ng/ul	98
30) Naphthalene	10.98	128	195998	21.082	ng/ul	96
32) 4-Chloroaniline	11.08	127	87556	22.155	ng/ul	99
33) Hexachlorobutadiene	11.27	225	54573	20.763	ng/ul	98
34) Caprolactam	11.83	113	22726m>	21.233	ng/ul>	02/22/21 JJ

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.19	107	72568	21.269 ng/ul	93
36) 2-Methylnaphthalene	12.58	142	142635	20.716 ng/ul	92
37) 1-Methylnaphthalene	12.79	142	136273	20.879 ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	103228	20.967 ng/ul	98
40) Hexachlorocyclopentadiene	12.92	237	64777	20.107 ng/ul	89
41) 2,4,6-Trichlorophenol	13.17	196	64593	20.166 ng/ul	96
42) 2,4,5-Trichlorophenol	13.25	196	69916	20.481 ng/ul	96
43) 1,1'-Biphenyl	13.58	154	198451	20.669 ng/ul	97
44) 2-Chloronaphthalene	13.62	162	163822	20.382 ng/ul	98
45) 2-Nitroaniline	13.82	65	55053	20.510 ng/ul	96
47) Dimethylphthalate	14.19	163	224003	20.768 ng/ul	100
48) 2,6-Dinitrotoluene	14.30	165	46755	20.489 ng/ul	95
50) Acenaphthylene	14.46	152	236083	20.258 ng/ul	99
51) 3-Nitroaniline	14.63	138	28682	16.670 ng/ul	89
52) Acenaphthene	14.80	153	171874	20.336 ng/ul	95
53) 2,4-Dinitrophenol	14.84	184	31425	20.623 ng/ul	96
55) 4-Nitrophenol	14.93	109	42072	21.340 ng/ul	90
56) Dibenzofuran	15.14	168	252685	20.740 ng/ul	100
57) 2,4-Dinitrotoluene	15.09	165	67140	20.826 ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	69500	21.026 ng/ul	96
59) Diethylphthalate	15.55	149	227081	20.750 ng/ul	99
61) Fluorene	15.78	166	204699	20.697 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.77	204	123997	20.605 ng/ul	97
63) 4-Nitroaniline	15.79	138	26915	16.038 ng/ul	89
66) 4,6-Dinitro-2-methylphenol	15.85	198	46612	20.363 ng/ul#	99
67) N-Nitrosodiphenylamine	15.98	169	184043	20.779 ng/ul	96
68) 4-Bromophenyl-phenylether	16.67	248	85079	20.917 ng/ul	94
69) Hexachlorobenzene	16.79	284	89692	21.036 ng/ul	95
70) Atrazine	16.93	200	86631	21.827 ng/ul	98
71) Pentachlorophenol	17.13	266	48746	18.807 ng/ul	98
72) Phenanthrene	17.52	178	365742	21.266 ng/ul	99
74) Anthracene	17.62	178	370717	21.206 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.55	216	102735	20.722 ng/uL	98
76) Pentachlorobenzene	15.06	250	102880	20.462 ng/uL	94
77) Carbazole	17.88	167	322972	22.532 ng/ul	97
78) Di-n-butylphthalate	18.43	149	397625	21.811 ng/ul	99
80) Fluoranthene	19.53	202	499577	20.782 ng/ul	100
82) Pyrene	19.89	202	495617	21.063 ng/ul	98
83) Butylbenzylphthalate	20.77	149	184063	21.442 ng/ul	94
84) 3,3'-Dichlorobenzidine	21.65	252	167853	21.112 ng/ul	99
85) Benzo(a)anthracene	21.74	228	509455	21.578 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.64	149	255494	20.854 ng/ul	97
87) Chrysene	21.80	228	481917	21.161 ng/ul	99
89) Di-n-octyl phthalate	22.88	149	439441	22.699 ng/ul	100
90) Benzo(b)fluoranthene	23.99	252	509196	22.057 ng/ul	98
91) Benzo(k)fluoranthene	24.06	252	508657	22.559 ng/ul	98
93) Benzo(a)pyrene	24.88	252	472697	22.450 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.76	276	577415	22.118 ng/ul	98
95) Dibenzo(a,h)anthracene	28.84	278	483419	22.342 ng/ul	99
96) Benzo(g,h,i)perylene	29.94	276	471070	21.631 ng/ul	100

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

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