Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030769.D
Acq On : 02 Jul 2021 08:05
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 72 Sample Multiplier: 1

Quant Time: Jul 02 08:50:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 02 04:13:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

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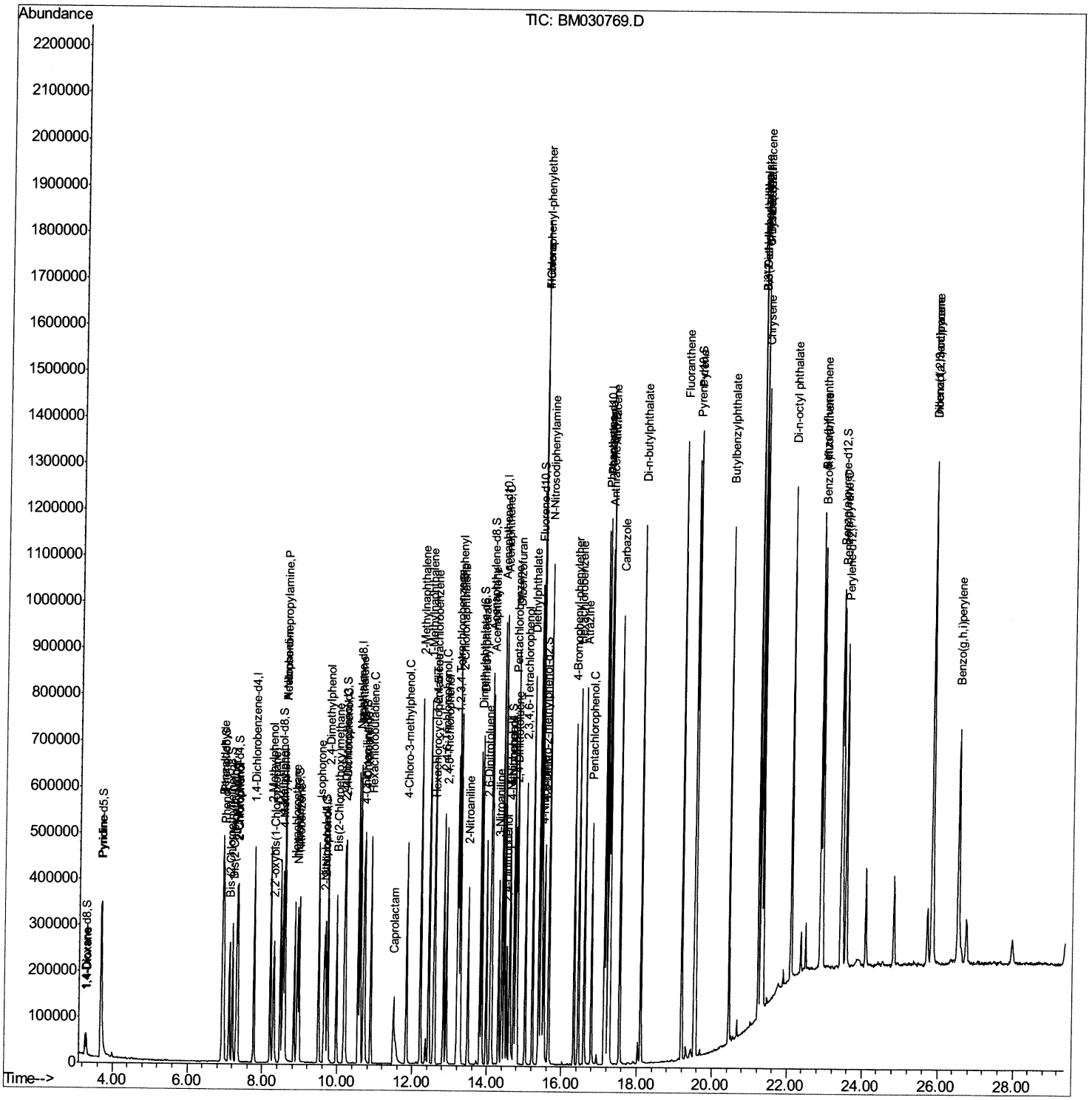

Quantitation Report (Qedit)

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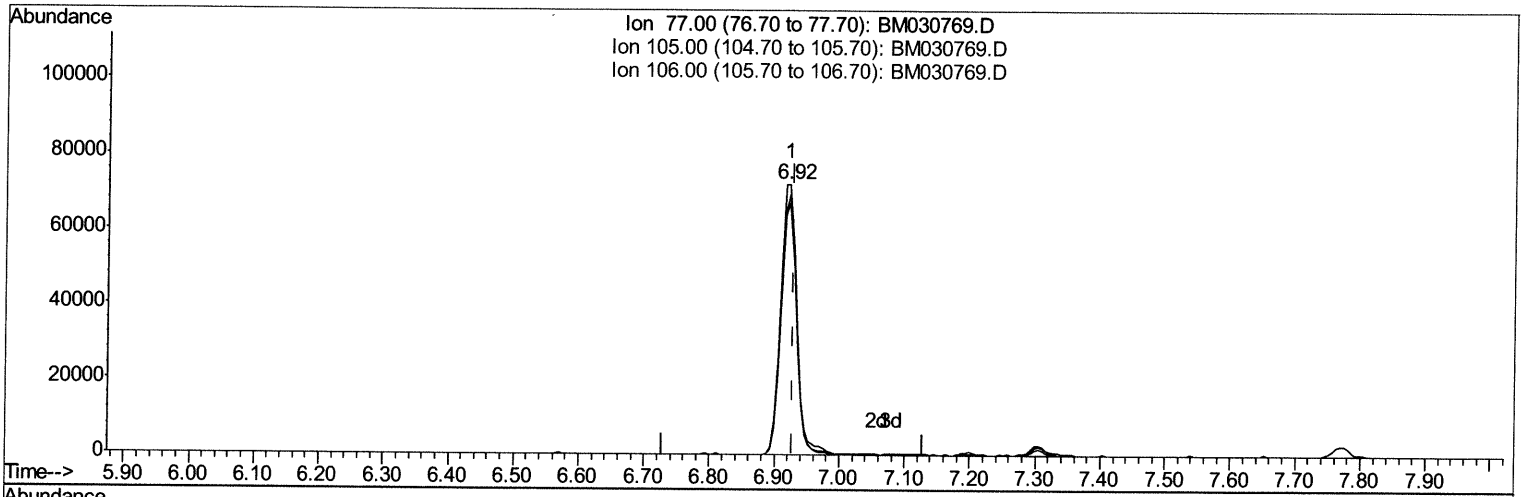

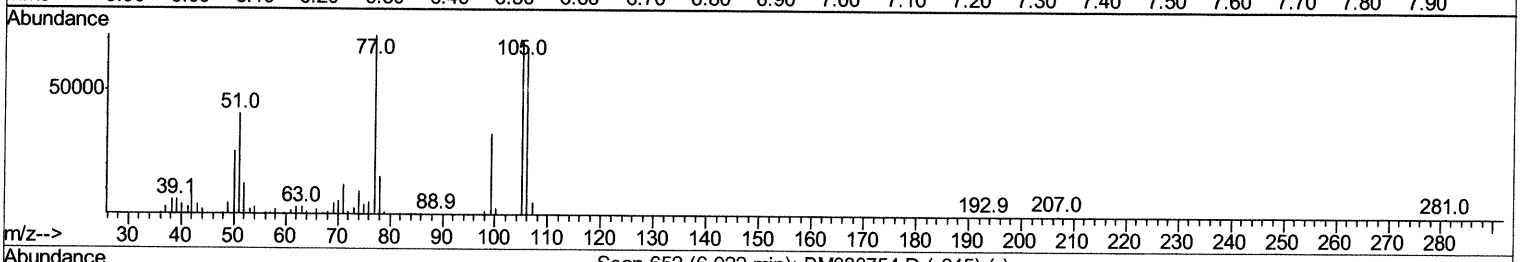

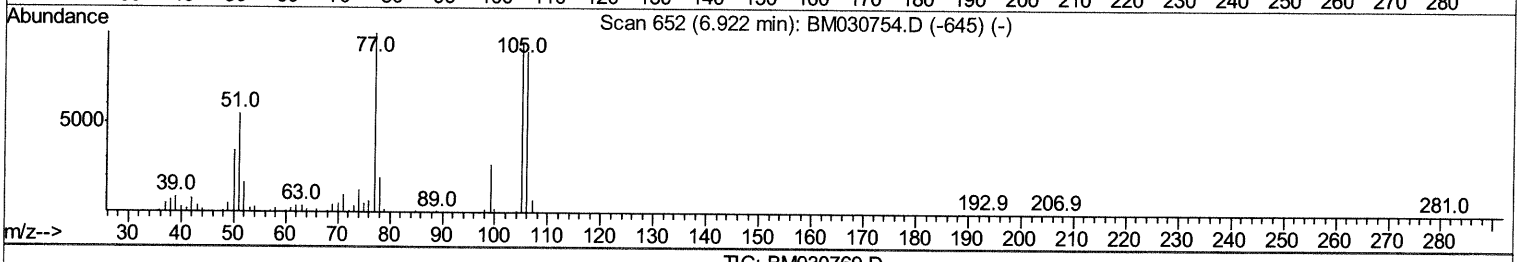

TIC: BM030769.D

(6) Benzaldehyde

6.922min (-0.006) 25.05ng/ul

response 124949

Ion	Exp%	Act%
77.00	100	100
105.00	102.80	96.47
106.00	93.70	93.09
0.00	0.00	0.00

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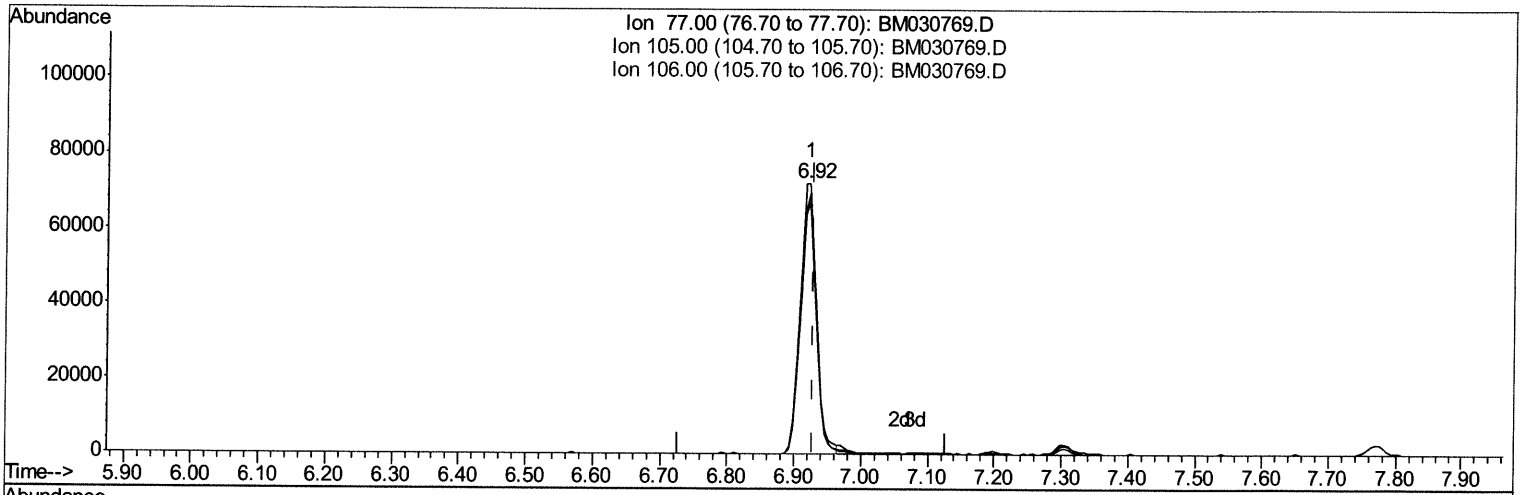

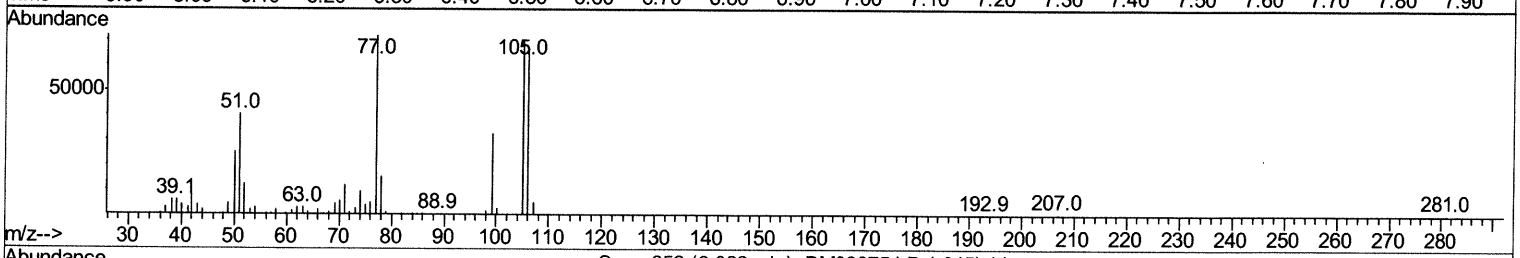

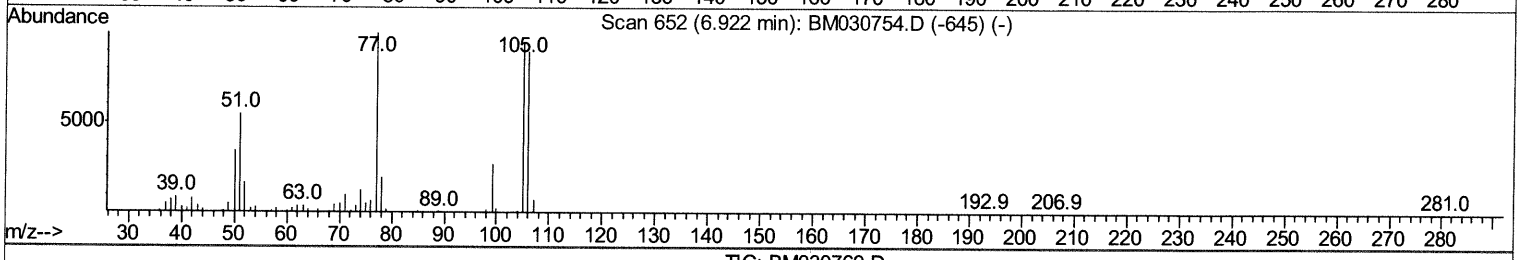

TIC: BM030769.D

(6) Benzaldehyde

6.922min (-0.006) 24.49ng/ul m

response 122172

JU 7/2/21

Ion	Exp%	Act%
77.00	100	100
105.00	102.80	96.47
106.00	93.70	93.09
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	118966	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.56	136	501117	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	320190	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.14	188	637521	20.00	ng/ul	0.00
79) Chrysene-d12	21.31	240	499407	20.00	ng/ul	0.00
88) Perylene-d12	23.56	264	479156	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	22356	7.62	ng/uL	0.00
4) Pyridine-d5	3.68	84	149085	18.91	ng/ul	0.00
7) Phenol-d5	6.94	99	194303	18.94	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.11	67	124147	19.25	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	156092	19.71	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	155422	19.47	ng/ul	0.00
21) Nitrobenzene-d5	8.93	128	72382	19.36	ng/ul	0.00
24) 2-Nitrophenol-d4	9.65	143	80381	19.34	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.18	165	160519	20.16	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	207906	18.73	ng/ul	-0.01
46) Dimethylphthalate-d6	13.81	166	442437	20.01	ng/ul	-0.01
49) Acenaphthylene-d8	14.09	160	562070	19.59	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.60	143	76891	18.36	ng/ul	-0.01
60) Fluorene-d10	15.39	176	385352	19.65	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	68154	16.34	ng/ul	0.00
73) Anthracene-d10	17.24	188	611336	20.55	ng/ul	0.00
81) Pyrene-d10	19.53	212	611746	23.38	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.42	264	527294	21.17	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	23252	7.450	ng/uL	97
5) Pyridine	3.69	79	158705	18.700	ng/ul	93
6) Benzaldehyde	6.92	77	122172m	24.490	ng/ul	> JH 7/2/21
8) Phenol	6.96	94	199789	19.258	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.20	93	152689	18.674	ng/ul	99
12) 2-Chlorophenol	7.33	128	155947	19.540	ng/ul	97
13) 2-Methylphenol	8.21	108	145433	19.345	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.29	45	252895	19.512	ng/ul	99
16) Acetophenone	8.59	105	237690	19.277	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.58	70	125599	20.594	ng/ul	97
18) 4-Methylphenol	8.54	108	158411	19.349	ng/ul	100
19) Hexachloroethane	8.84	117	64461	19.277	ng/ul	99
22) Nitrobenzene	8.97	77	186368	19.756	ng/ul	98
23) Isophorone	9.49	82	326103	19.963	ng/ul	99
25) 2-Nitrophenol	9.67	139	85934	19.475	ng/ul	97
26) 2,4-Dimethylphenol	9.73	107	178366	19.999	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.97	93	206111	19.393	ng/ul	99
29) 2,4-Dichlorophenol	10.20	162	153300	20.101	ng/ul	99
30) Naphthalene	10.60	128	492246	19.401	ng/ul	100
32) 4-Chloroaniline	10.72	127	210109	19.064	ng/ul	100
33) Hexachlorobutadiene	10.89	225	98749	19.149	ng/ul	99
34) Caprolactam	11.50	113	44094	19.920	ng/ul	95

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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	11.84	107	158127	21.116	ng/ul	99
36) 2-Methylnaphthalene	12.22	142	356531	20.137	ng/ul	99
37) 1-Methylnaphthalene	12.44	142	354452	19.778	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	189921	19.012	ng/ul	98
40) Hexachlorocyclopentadiene	12.57	237	93333	14.318	ng/ul	99
41) 2,4,6-Trichlorophenol	12.83	196	122229	19.429	ng/ul	98
42) 2,4,5-Trichlorophenol	12.90	196	132409	19.720	ng/ul	99
43) 1,1'-Biphenyl	13.23	154	453513	19.191	ng/ul	100
44) 2-Chloronaphthalene	13.27	162	356851	19.208	ng/ul	100
45) 2-Nitroaniline	13.48	65	106212	21.273	ng/ul	97
47) Dimethylphthalate	13.86	163	438967	20.265	ng/ul	100
48) 2,6-Dinitrotoluene	13.98	165	88416	21.184	ng/ul	99
50) Acenaphthylene	14.12	152	531532	19.968	ng/ul	99
51) 3-Nitroaniline	14.31	138	91942	20.679	ng/ul	100
52) Acenaphthene	14.46	153	378129	19.573	ng/ul	98
53) 2,4-Dinitrophenol	14.52	184	52073	18.979	ng/ul	97
55) 4-Nitrophenol	14.62	109	67746	20.218	ng/ul	98
56) Dibenzofuran	14.80	168	531016	19.717	ng/ul	99
57) 2,4-Dinitrotoluene	14.77	165	132205	22.623	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.03	232	112783	20.750	ng/ul	99
59) Diethylphthalate	15.22	149	456445	21.935	ng/ul	100
61) Fluorene	15.45	166	443158	19.966	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.45	204	219758	19.881	ng/ul	98
63) 4-Nitroaniline	15.47	138	95201	22.486	ng/ul	91
66) 4,6-Dinitro-2-methylphenol	15.53	198	65554	16.150	ng/ul	96
67) N-Nitrosodiphenylamine	15.66	169	379783	19.988	ng/ul	99
68) 4-Bromophenyl-phenylether	16.33	248	129010	19.832	ng/ul	98
69) Hexachlorobenzene	16.45	284	154622	20.550	ng/ul	99
70) Atrazine	16.61	200	142895	21.203	ng/ul	98
71) Pentachlorophenol	16.79	266	87226	18.500	ng/ul	97
72) Phenanthrene	17.18	178	689787	20.148	ng/ul	99
74) Anthracene	17.27	178	728016	20.798	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.20	216	191226	18.806	ng/uL	99
76) Pentachlorobenzene	14.72	250	181634	18.752	ng/uL	98
77) Carbazole	17.54	167	619146	19.725	ng/ul	100
78) Di-n-butylphthalate	18.10	149	776679	24.283	ng/ul	100
80) Fluoranthene	19.19	202	769761	24.086	ng/ul	100
82) Pyrene	19.56	202	788177	23.471	ng/ul	100
83) Butylbenzylphthalate	20.45	149	296079	26.785	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.23	252	166486	16.912	ng/ul	98
85) Benzo(a)anthracene	21.29	228	666545	21.507	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.22	149	426837	26.847	ng/ul	99
87) Chrysene	21.34	228	637351	21.095	ng/ul	99
89) Di-n-octyl phthalate	22.10	149	644299	23.375	ng/ul	100
90) Benzo(b)fluoranthene	22.88	252	650649	21.388	ng/ul	100
91) Benzo(k)fluoranthene	22.92	252	613174	20.974	ng/ul	100
93) Benzo(a)pyrene	23.46	252	571759	20.903	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.83	276	756567	21.971	ng/ul	100
95) Dibenzo(a,h)anthracene	25.84	278	636638	22.302	ng/ul	99
96) Benzo(g,h,i)perylene	26.53	276	620231	21.588	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