Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
Data File : BG049241.D
Acq On : 9 Jul 2021 17:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 09 18:06:40 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

Manual Integrations APPROVED
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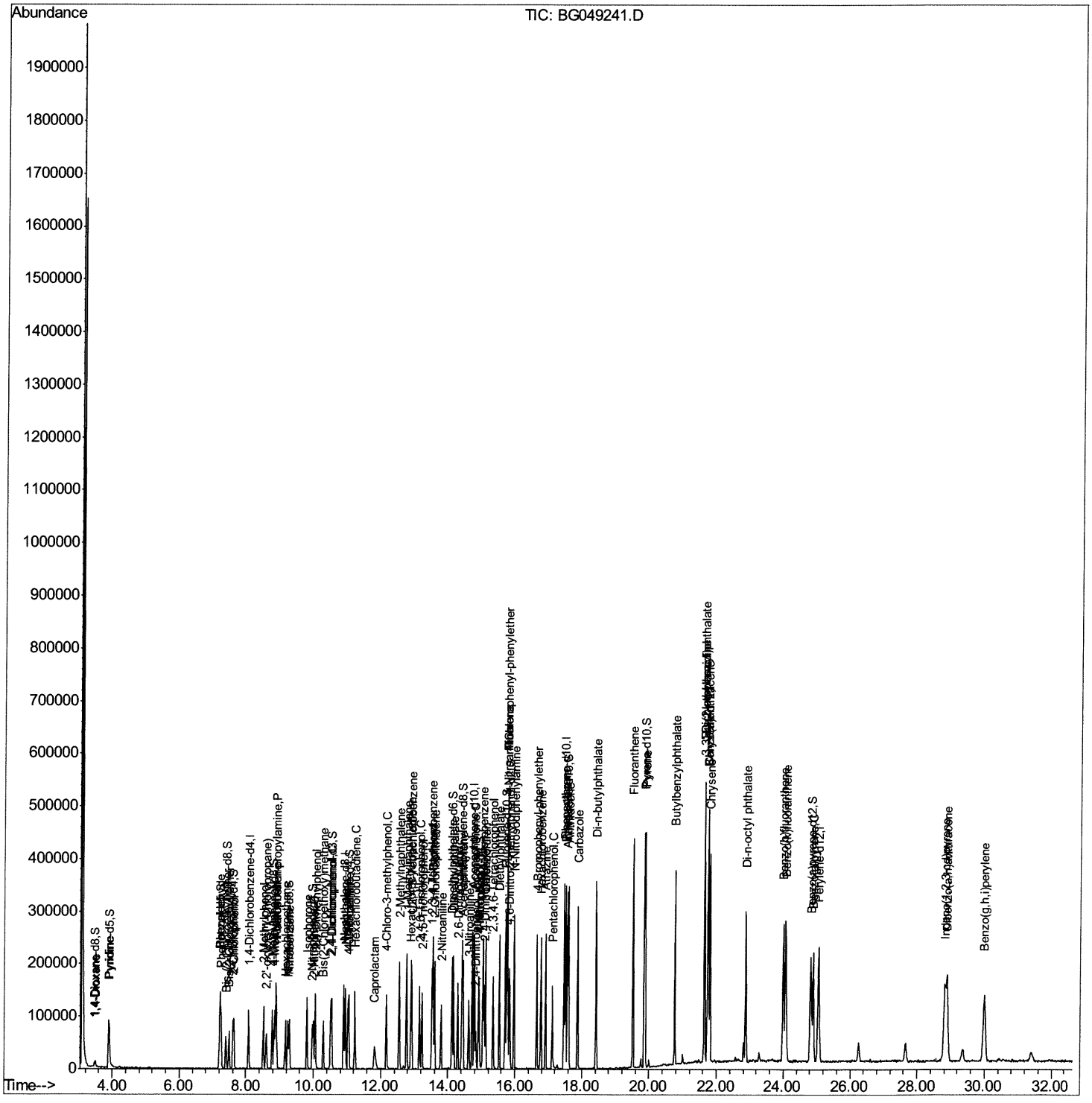

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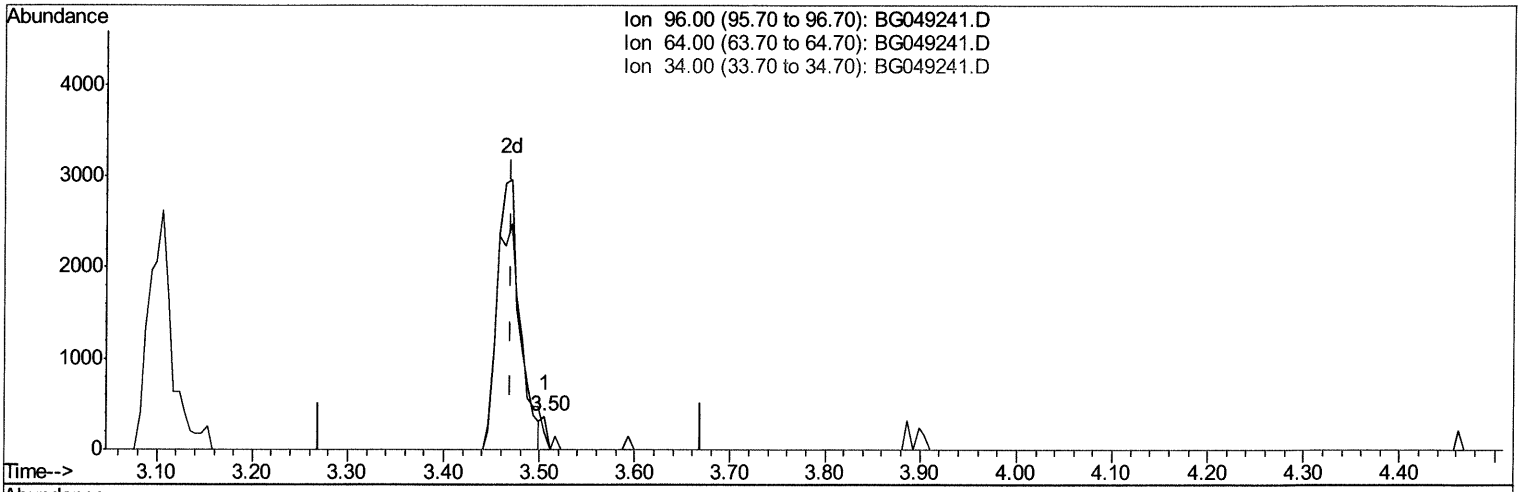

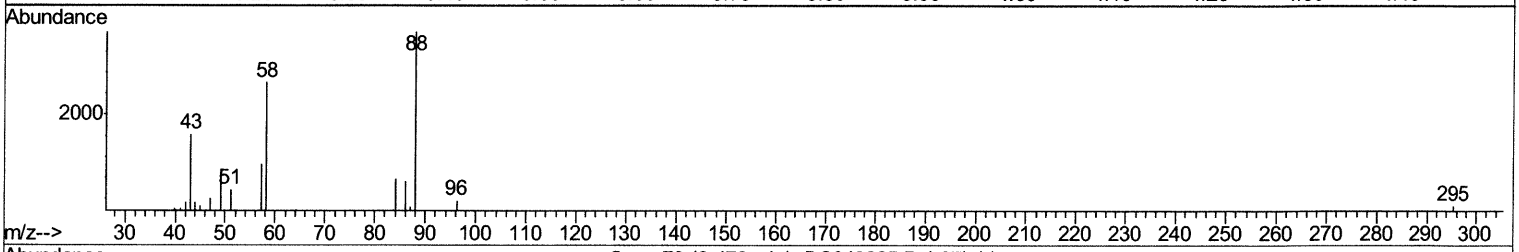

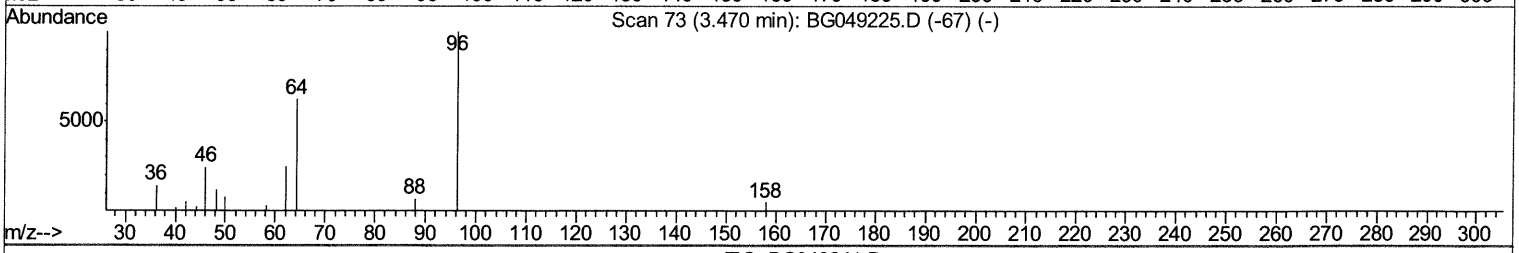

TIC: BG049241.D

(3) 1,4-Dioxane-d8 (S)

3.505min (+0.035) 0.20ng/uL

response 129

Ion	Exp%	Act%
96.00	100	100
64.00	62.20	53.13
34.00	0.00	0.00
0.00	0.00	0.00

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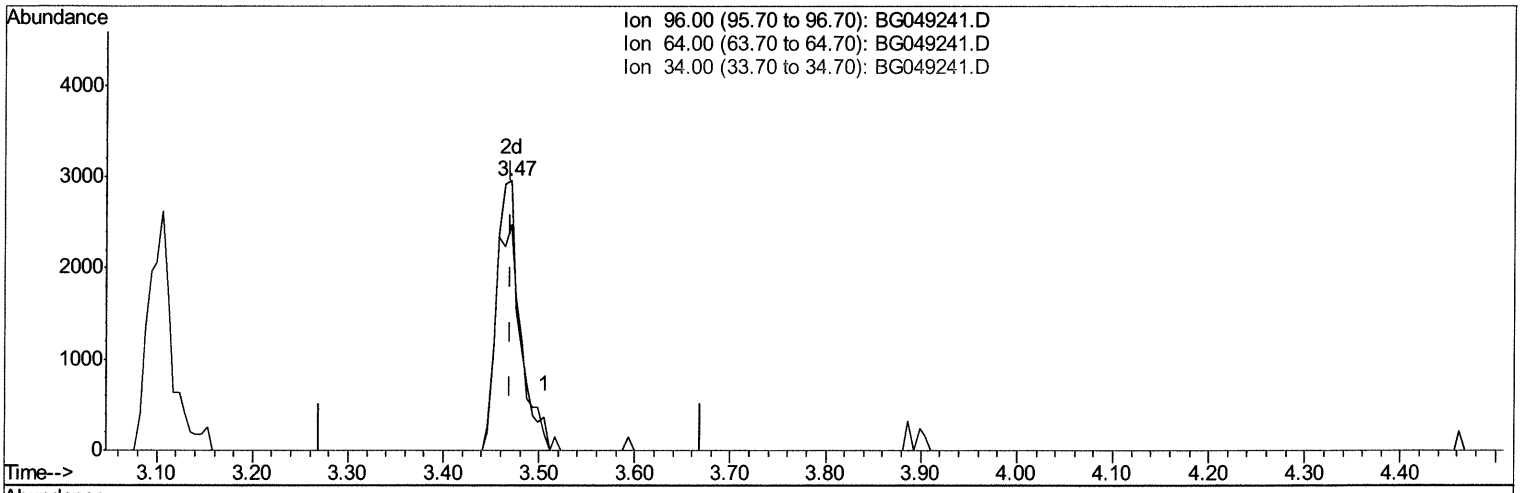

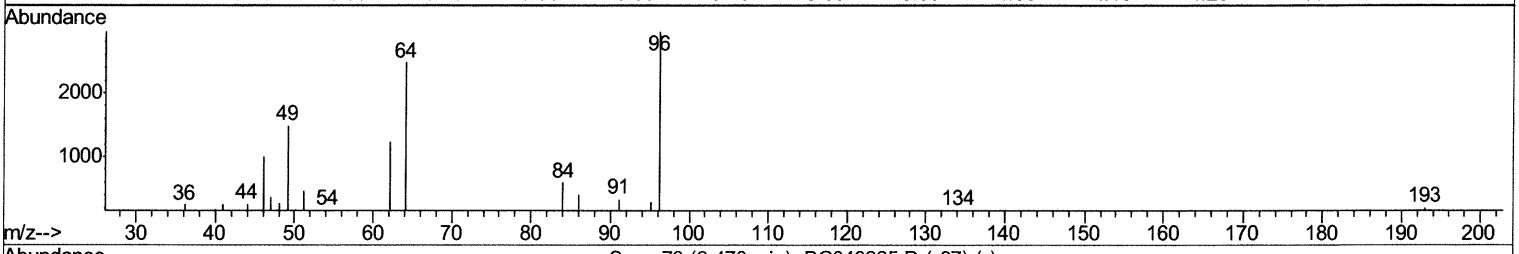

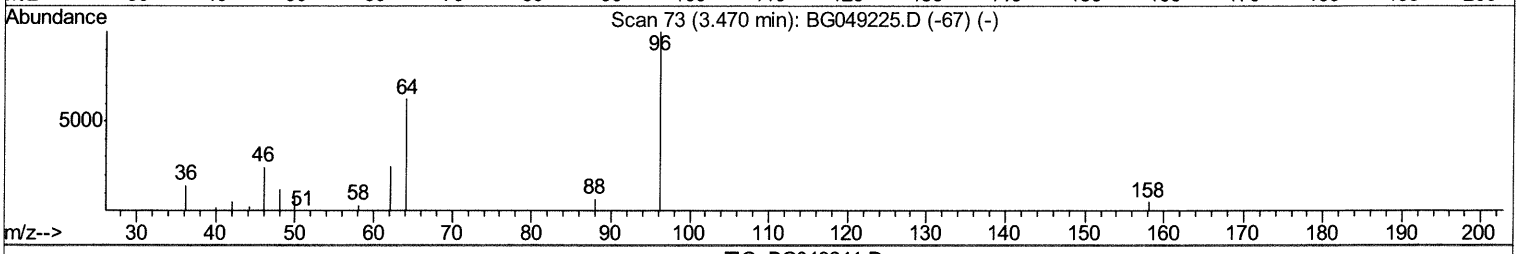

TIC: BG049241.D

(3) 1,4-Dioxane-d8 (S)

3.470min (-0.000) 7.78ng/uL m 07/13/21 JU

response 4959

Ion	Exp%	Act%
96.00	100	100
64.00	62.20	83.49#
34.00	0.00	0.00
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	8.08	152	29999	20.00	ng/ul	0.00
20) Naphthalene-d8	10.90	136	126219	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	94009	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	222595	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	223648	20.00	ng/ul	0.00
88) Perylene-d12	25.05	264	234863	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	4959m >	7.78	ng/uL >	0.00
4) Pyridine-d5	3.89	84	34831	18.57	ng/ul	0.00
7) Phenol-d5	7.22	99	48031	18.41	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.39	67	29492	19.49	ng/ul	0.00
11) 2-Chlorophenol-d4	7.61	132	38680	20.06	ng/ul	0.00
15) 4-Methylphenol-d8	8.78	113	39038	18.67	ng/ul	0.00
21) Nitrobenzene-d5	9.25	128	19891	20.54	ng/ul	0.00
24) 2-Nitrophenol-d4	9.97	143	22678	20.40	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.51	165	44275	20.41	ng/ul	0.00
31) 4-Chloroaniline-d4	11.03	131	55003	19.45	ng/ul	0.00
46) Dimethylphthalate-d6	14.12	166	144120	19.93	ng/ul	0.00
49) Acenaphthylene-d8	14.42	160	169852	20.02	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	22376	18.70	ng/ul	0.00
60) Fluorene-d10	15.71	176	119545	19.53	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.83	200	26504	18.73	ng/ul	0.00
73) Anthracene-d10	17.57	188	202078	19.94	ng/ul	0.00
81) Pyrene-d10	19.86	212	244446	21.33	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.83	264	244451	20.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	5798	7.465	ng/uL	85
5) Pyridine	3.91	79	38312	18.417	ng/ul	94
6) Benzaldehyde	7.21	77	37104	23.636	ng/ul	99
8) Phenol	7.25	94	51195	19.617	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.49	93	36182	18.647	ng/ul#	79
12) 2-Chlorophenol	7.64	128	37862	19.449	ng/ul	92
13) 2-Methylphenol	8.51	108	38294	19.264	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.60	45	60680	19.442	ng/ul	95
16) Acetophenone	8.90	105	67716	19.744	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.88	70	35101	20.142	ng/ul	99
18) 4-Methylphenol	8.85	108	40642	19.653	ng/ul	93
19) Hexachloroethane	9.16	117	17091	19.390	ng/ul#	80
22) Nitrobenzene	9.29	77	53830	19.708	ng/ul#	92
23) Isophorone	9.81	82	95433	20.226	ng/ul	97
25) 2-Nitrophenol	10.00	139	22374	19.725	ng/ul	95
26) 2,4-Dimethylphenol	10.06	107	50179	19.978	ng/ul	94
27) Bis(2-Chloroethoxy)methane	10.29	93	52312	20.795	ng/ul	95
29) 2,4-Dichlorophenol	10.54	162	40204	20.281	ng/ul	93
30) Naphthalene	10.95	128	125955	20.015	ng/ul	96
32) 4-Chloroaniline	11.05	127	53511	19.197	ng/ul	94
33) Hexachlorobutadiene	11.23	225	33716	20.057	ng/ul	94
34) Caprolactam	11.81	113	12307	17.847	ng/ul	94

07/13/21 JU

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.17	107	46625	21.056 ng/ul	89
36) 2-Methylnaphthalene	12.55	142	94503	19.765 ng/ul	98
37) 1-Methylnaphthalene	12.77	142	96656	20.328 ng/ul#	94
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	57661	19.528 ng/ul#	95
40) Hexachlorocyclopentadiene	12.89	237	32426	16.536 ng/ul	98
41) 2,4,6-Trichlorophenol	13.15	196	37681	19.728 ng/ul#	87
42) 2,4,5-Trichlorophenol	13.23	196	39042	19.218 ng/ul	90
43) 1,1'-Biphenyl	13.55	154	127111	20.013 ng/ul	98
44) 2-Chloronaphthalene	13.60	162	97860	19.666 ng/ul	97
45) 2-Nitroaniline	13.80	65	35544	19.483 ng/ul	89
47) Dimethylphthalate	14.16	163	135236	20.152 ng/ul	97
48) 2,6-Dinitrotoluene	14.29	165	29211	20.212 ng/ul#	85
50) Acenaphthylene	14.45	152	150766	19.984 ng/ul	98
51) 3-Nitroaniline	14.62	138	26270	19.962 ng/ul	97
52) Acenaphthene	14.79	153	108693	19.838 ng/ul	98
53) 2,4-Dinitrophenol	14.83	184	15521	16.946 ng/ul	95
55) 4-Nitrophenol	14.93	109	28400	18.800 ng/ul	97
56) Dibenzofuran	15.12	168	155993	20.089 ng/ul	98
57) 2,4-Dinitrotoluene	15.08	165	42605	20.429 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	36620	19.223 ng/ul#	96
59) Diethylphthalate	15.53	149	143444	19.886 ng/ul	98
61) Fluorene	15.77	166	134541	20.473 ng/ul	95
62) 4-Chlorophenyl-phenylether	15.76	204	73889	20.452 ng/ul	95
63) 4-Nitroaniline	15.78	138	29585	22.900 ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.84	198	25954	19.277 ng/ul#	96
67) N-Nitrosodiphenylamine	15.97	169	114278	20.164 ng/ul	96
68) 4-Bromophenyl-phenylether	16.65	248	49907	20.102 ng/ul	96
69) Hexachlorobenzene	16.78	284	56541	20.109 ng/ul	97
70) Atrazine	16.92	200	51273	19.768 ng/ul	92
71) Pentachlorophenol	17.12	266	31452	18.742 ng/ul	91
72) Phenanthrene	17.51	178	217673	20.049 ng/ul	98
74) Anthracene	17.61	178	223312	20.135 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.52	216	58898	19.396 ng/uL	99
76) Pentachlorobenzene	15.04	250	65941	20.469 ng/uL	100
77) Carbazole	17.87	167	199809	20.195 ng/ul	98
78) Di-n-butylphthalate	18.42	149	249222	20.133 ng/ul	99
80) Fluoranthene	19.52	202	286006	21.454 ng/ul	100
82) Pyrene	19.89	202	284994	21.455 ng/ul	99
83) Butylbenzylphthalate	20.76	149	109943	21.082 ng/ul	100
84) 3,3'-Dichlorobenzidine	21.65	252	106337	20.350 ng/ul	98
85) Benzo(a)anthracene	21.74	228	278906	20.293 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.64	149	154274	20.283 ng/ul	97
87) Chrysene	21.80	228	268869	20.681 ng/ul	99
89) Di-n-octyl phthalate	22.87	149	255390	19.318 ng/ul	100
90) Benzo(b)fluoranthene	24.00	252	285945	19.735 ng/ul	97
91) Benzo(k)fluoranthene	24.07	252	282382	19.989 ng/ul	93
93) Benzo(a)pyrene	24.90	252	251439	19.719 ng/ul	93
94) Indeno(1,2,3-cd)pyrene	28.82	276	323641	19.672 ng/ul	97
95) Dibenzo(a,h)anthracene	28.89	278	266585	19.564 ng/ul#	99
96) Benzo(g,h,i)perylene	30.00	276	268405	19.733 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

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