Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
Data File : BG049258.D
Acq On : 10 Jul 2021 9:33
Operator : CG/JU
Sample : PB137496BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 11 00:47:16 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 :
SLCS496

Manual Integrations APPROVED
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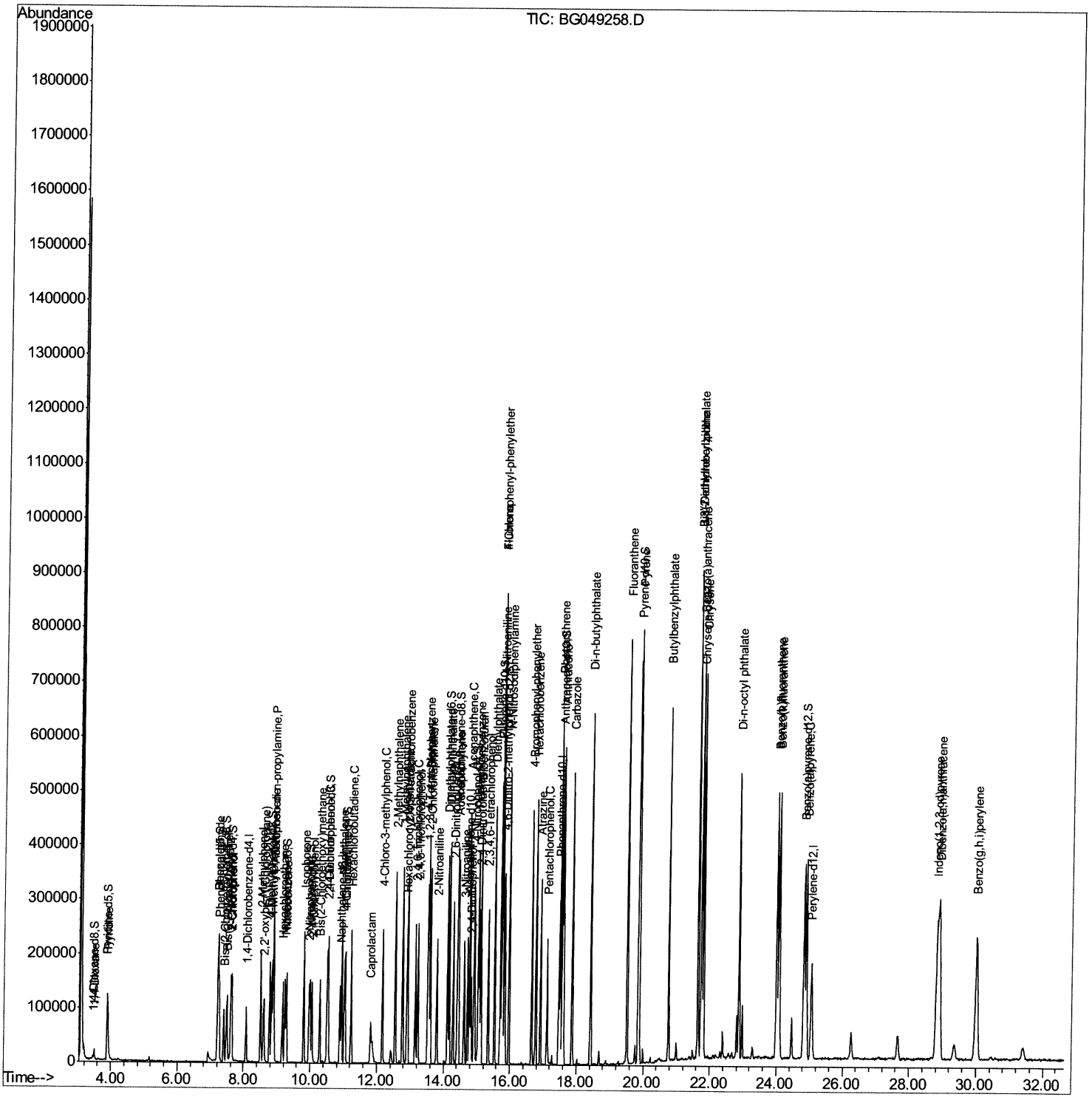

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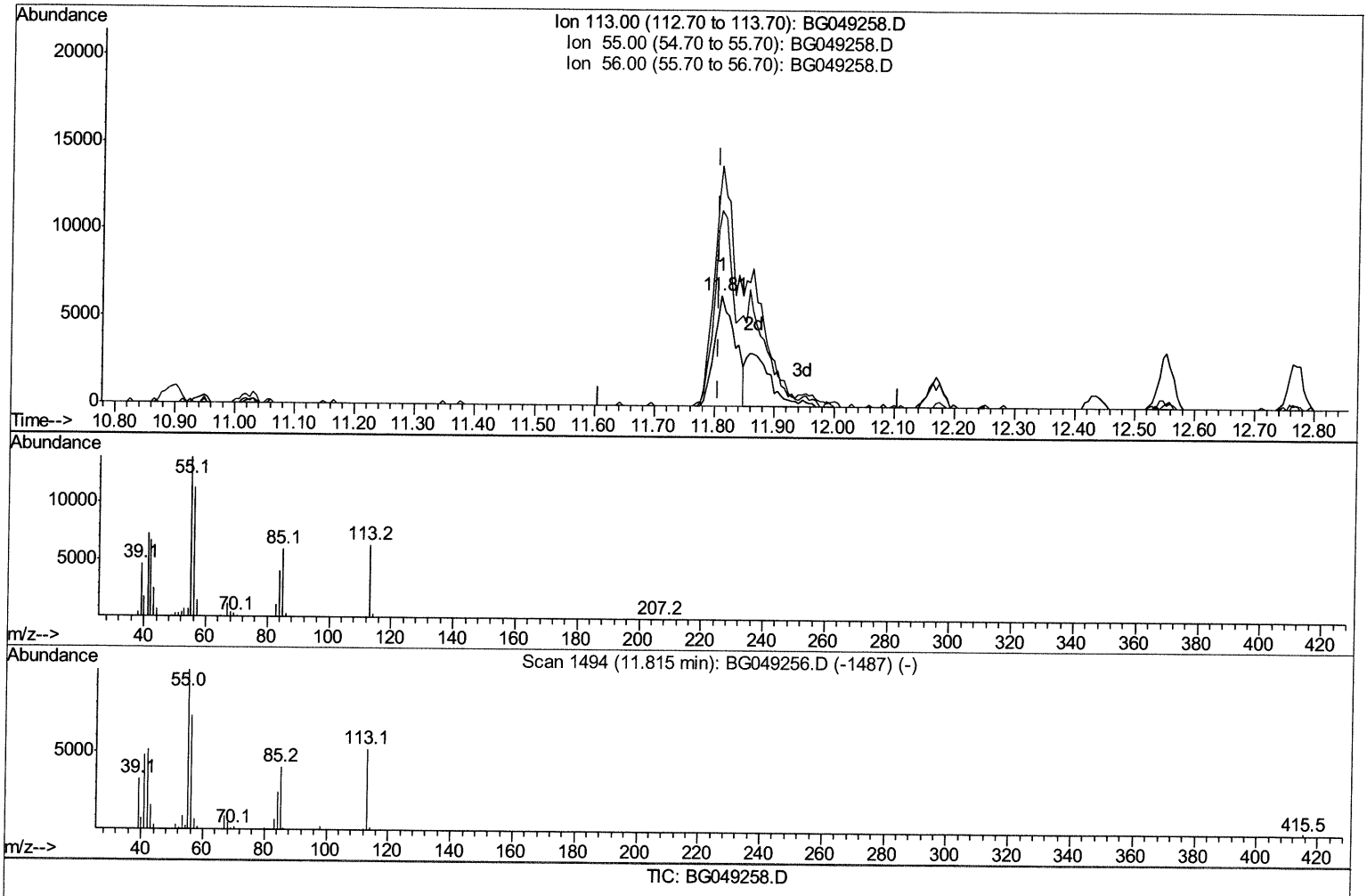

TIC: BG049258.D

(34) Caprolactam

11.812min (+0.005) 24.19ng/ul

response 15207

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	216.74
56.00	171.90	176.41
0.00	0.00	0.00

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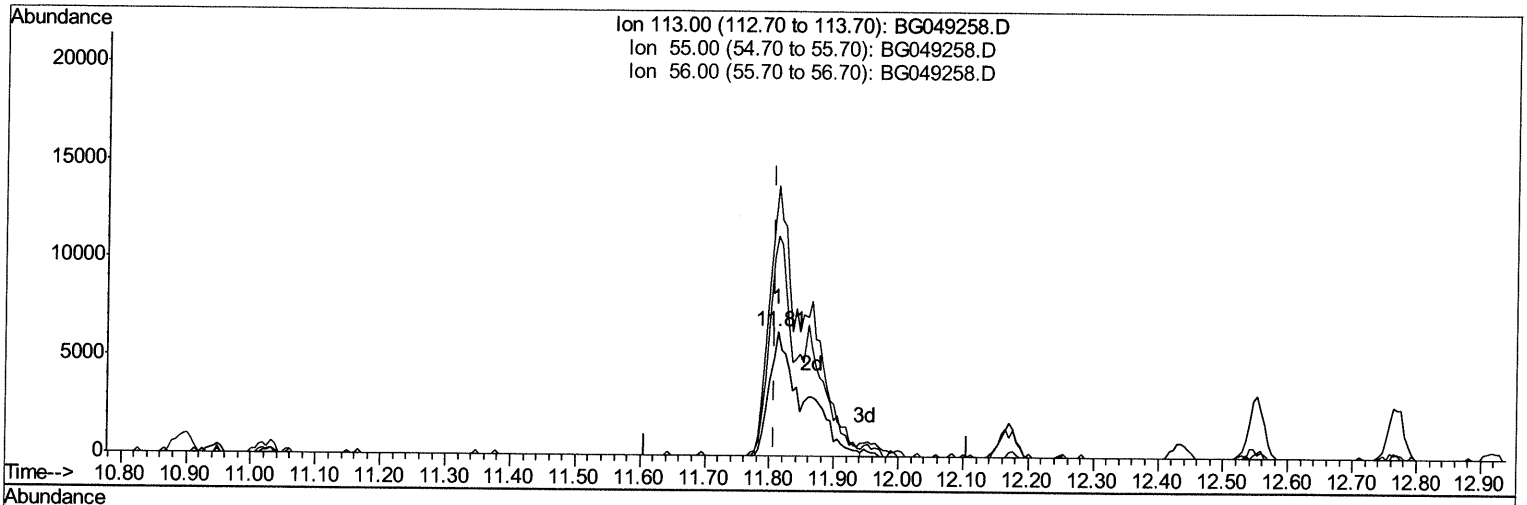

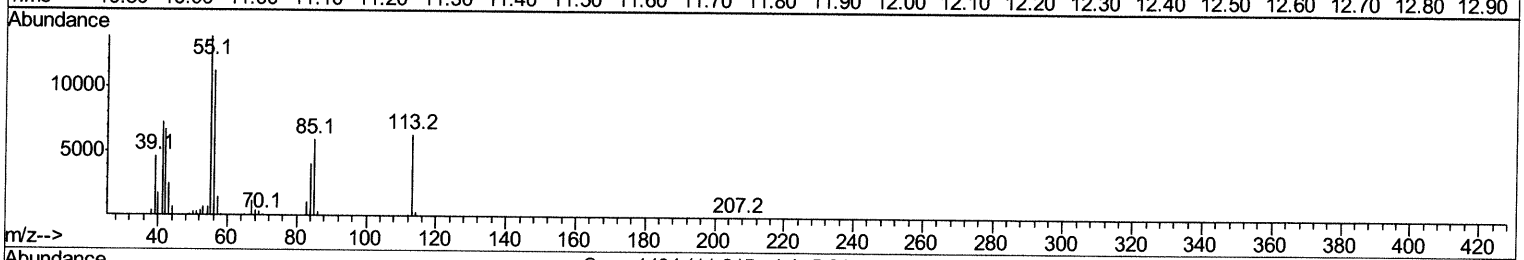

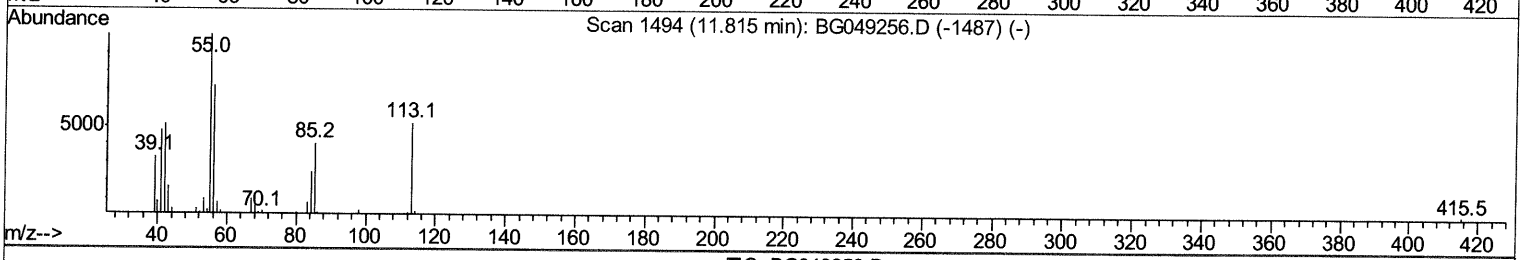

TIC: BG049258.D

(34) Caprolactam

11.812min (+0.005) 37.77ng/ul m 07/13/21 JU

response 23746

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	216.74
56.00	171.90	176.41
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	26145	20.00	ng/ul	0.00
20) Naphthalene-d8	10.90	136	115071	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	84298	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.48	188	202446	20.00	ng/ul	0.00
79) Chrysene-d12	21.76	240	200055	20.00	ng/ul	0.00
88) Perylene-d12	25.06	264	193309	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	3702	6.66	ng/uL	0.00
4) Pyridine-d5	3.88	84	46662	28.55	ng/ul	0.00
7) Phenol-d5	7.22	99	84188	37.02	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.39	67	47570	36.06	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	62105	36.95	ng/ul	0.00
15) 4-Methylphenol-d8	8.78	113	65927	36.18	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	32098	36.35	ng/ul	0.00
24) 2-Nitrophenol-d4	9.97	143	37142	36.64	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.51	165	73979	37.40	ng/ul	0.00
31) 4-Chloroaniline-d4	11.02	131	80876	31.38	ng/ul	0.00
46) Dimethylphthalate-d6	14.12	166	249902	38.55	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	285365	37.52	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	40552	37.79	ng/ul	0.00
60) Fluorene-d10	15.71	176	211940	38.61	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.83	200	50649	39.36	ng/ul	0.00
73) Anthracene-d10	17.57	188	332310	36.05	ng/ul	0.00
81) Pyrene-d10	19.86	212	421395	41.10	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.83	264	422419	42.04	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	9409	13.900	ng/uL#	83
5) Pyridine	3.90	79	53614	29.571	ng/ul	88
6) Benzaldehyde	7.21	77	55124	40.291	ng/ul	95
8) Phenol	7.25	94	82676	36.350	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.49	93	59763	35.339	ng/ul#	81
12) 2-Chlorophenol	7.63	128	61093	36.009	ng/ul	97
13) 2-Methylphenol	8.51	108	61570	35.539	ng/ul	94
14) 2,2'-oxybis(1-Chloropropan	8.60	45	101530	37.326	ng/ul	100
16) Acetophenone	8.90	105	112219	37.544	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.89	70	57163	37.638	ng/ul#	95
18) 4-Methylphenol	8.84	108	67013	37.181	ng/ul	90
19) Hexachloroethane	9.16	117	28183	36.688	ng/ul	83
22) Nitrobenzene	9.29	77	90471	36.331	ng/ul#	95
23) Isophorone	9.81	82	159988	37.193	ng/ul	97
25) 2-Nitrophenol	10.00	139	38511	37.240	ng/ul	98
26) 2,4-Dimethylphenol	10.06	107	52002	22.710	ng/ul	95
27) Bis(2-Chloroethoxy)methane	10.29	93	84574	36.878	ng/ul#	90
29) 2,4-Dichlorophenol	10.54	162	67661	37.439	ng/ul	98
30) Naphthalene	10.95	128	210444	36.680	ng/ul	97
32) 4-Chloroaniline	11.05	127	77850	30.635	ng/ul	99
33) Hexachlorobutadiene	11.23	225	54110	35.307	ng/ul	98
34) Caprolactam	11.81	113	23746m >	37.770	ng/ul >	

07/13/21 JY

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.16	107	81055	40.151 ng/ul	87
36) 2-Methylnaphthalene	12.55	142	162954	37.384 ng/ul	92
37) 1-Methylnaphthalene	12.77	142	161396	37.232 ng/ul#	95
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	100543	37.973 ng/ul#	96
40) Hexachlorocyclopentadiene	12.89	237	44486	25.299 ng/ul	97
41) 2,4,6-Trichlorophenol	13.15	196	61195	35.730 ng/ul	91
42) 2,4,5-Trichlorophenol	13.23	196	69273	38.027 ng/ul	93
43) 1,1'-Biphenyl	13.55	154	222133	39.003 ng/ul	95
44) 2-Chloronaphthalene	13.60	162	168855	37.842 ng/ul	98
45) 2-Nitroaniline	13.80	65	66828	40.850 ng/ul	91
47) Dimethylphthalate	14.17	163	240746	40.008 ng/ul#	98
48) 2,6-Dinitrotoluene	14.29	165	49991	38.575 ng/ul	94
50) Acenaphthylene	14.44	152	256576	37.926 ng/ul	97
51) 3-Nitroaniline	14.62	138	47812	40.516 ng/ul	92
52) Acenaphthene	14.78	153	192207	39.121 ng/ul	98
53) 2,4-Dinitrophenol	14.83	184	32961	40.133 ng/ul	94
55) 4-Nitrophenol	14.93	109	53990	39.857 ng/ul	99
56) Dibenzofuran	15.12	168	278587	40.011 ng/ul	94
57) 2,4-Dinitrotoluene	15.08	165	75667	40.462 ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.34	232	58218	34.081 ng/ul	91
59) Diethylphthalate	15.53	149	256640	39.677 ng/ul	100
61) Fluorene	15.77	166	237833	40.359 ng/ul	93
62) 4-Chlorophenyl-phenylether	15.76	204	132106	40.779 ng/ul	98
63) 4-Nitroaniline	15.78	138	50280	43.402 ng/ul	91
66) 4,6-Dinitro-2-methylphenol	15.84	198	48581	39.673 ng/ul#	99
67) N-Nitrosodiphenylamine	15.97	169	204161	39.610 ng/ul	100
68) 4-Bromophenyl-phenylether	16.66	248	91935	40.716 ng/ul	96
69) Hexachlorobenzene	16.78	284	103796	40.590 ng/ul	97
70) Atrazine	16.92	200	66094	28.019 ng/ul	98
71) Pentachlorophenol	17.12	266	46335	30.359 ng/ul	96
72) Phenanthrene	17.52	178	395063	40.009 ng/ul	98
74) Anthracene	17.61	178	376139	37.290 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.52	216	102381	37.071 ng/uL	96
76) Pentachlorobenzene	15.04	250	110078	37.571 ng/uL	98
77) Carbazole	17.88	167	355166	39.471 ng/ul	99
78) Di-n-butylphthalate	18.43	149	437751	38.882 ng/ul	99
80) Fluoranthene	19.53	202	493841	41.412 ng/ul	100
82) Pyrene	19.88	202	490062	41.244 ng/ul	100
83) Butylbenzylphthalate	20.77	149	194388	41.671 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.65	252	163712	35.025 ng/ul	99
85) Benzo(a)anthracene	21.74	228	488673	39.748 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.64	149	275373	40.473 ng/ul	99
87) Chrysene	21.81	228	464878	39.975 ng/ul	98
89) Di-n-octyl phthalate	22.88	149	461900	42.450 ng/ul	100
90) Benzo(b)fluoranthene	24.01	252	509002	42.682 ng/ul	99
91) Benzo(k)fluoranthene	24.07	252	510401	43.895 ng/ul	95
93) Benzo(a)pyrene	24.90	252	442189	42.134 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.83	276	600329	44.335 ng/ul	95
95) Dibenzo(a,h)anthracene	28.90	278	494302	44.073 ng/ul	93
96) Benzo(g,h,i)perylene	30.01	276	496591	44.358 ng/ul	95

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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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