

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018268.D
 Acq On : 5 Aug 2015 00:45
 Operator : UM/TP
 Sample : G3109-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8

Manual Integrations
 APPROVED

MMDadoda
 8/7/2015 4:41:08 PM

Quant Time: Aug 05 05:51:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	38554	20.00	ng/ul	0.01
18) Naphthalene-d8	10.24	136	184660	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.14	164	104625	20.00	ng/ul	0.02
62) Phenanthrene-d10	16.91	188	126532m	20.00	ng/ul	0.02
78) Chrysene-d12	21.12	240	200533	20.00	ng/ul	0.02
86) Perylene-d12	23.32	264	202241	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.94	96	887	1.74	ng/uL	0.01
5) Phenol-d5	6.67	99	47958	13.83	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.80	67	23642	13.34	ng/ul	0.01
9) 2-Chlorophenol-d4	7.00	132	41358	15.79	ng/ul	0.01
13) 4-Methylphenol-d8	8.20	113	35464	12.56	ng/ul	0.02
19) Nitrobenzene-d5	8.62	128	22473	15.45	ng/ul	0.01
22) 2-Nitrophenol-d4	9.34	143	26689	15.99	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.89	165	42918	14.55	ng/ul	0.02
29) 4-Chloroaniline-d4	10.40	131	16525	4.49	ng/ul	0.02
44) Dimethylphthalate-d6	13.56	166	131096	16.22	ng/ul	0.01
47) Acenaphthylene-d8	13.83	160	142068	15.15	ng/ul	0.02
52) 4-Nitrophenol-d4	14.40	143	14380	9.61	ng/ul	0.02
58) Fluorene-d10	15.14	176	98728	13.49	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.01	188	81736	14.86	ng/ul	0.02
79) Pyrene-d10	19.32	212	97524	10.05	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.18	264	167671	16.39	ng/ul	0.05

Target Compounds

					Qvalue	
28) Naphthalene	10.30	128	24038	2.70	ng/ul	99
34) 2-Methylnaphthalene	11.92	142	17138	2.44	ng/ul	91
35) 1-Methylnaphthalene	12.15	142	10546	1.56	ng/ul	91
45) Dimethylphthalate	13.60	163	58831	7.31	ng/ul	99
50) Acenaphthene	14.21	153	14691	2.42	ng/ul#	82
54) Dibenzofuran	14.55	168	13649	1.49	ng/ul#	75
59) Fluorene	15.20	166	13798	1.75	ng/ul#	93
70) Phenanthrene	16.95	178	95268	14.82	ng/ul	98
72) Anthracene	17.04	178	21260m	3.32	ng/ul	
75) Carbazole	17.32	167	7297m	1.37	ng/ul	
76) Di-n-butylphthalate	17.89	149	29662m	4.20	ng/ul	
77) Fluoranthene	18.99	202	243087m	34.43	ng/ul	
80) Pyrene	19.36	202	251011	20.64	ng/ul#	88
81) Butylbenzylphthalate	20.26	149	83371	16.87	ng/ul#	74
83) Benzo(a)anthracene	21.11	228	193112	17.88	ng/ul#	94
84) Bis(2-ethylhexyl)phthalate	21.05	149	2527271	379.13	ng/ul#	67
85) Chrysene	21.16	228	208326	21.06	ng/ul#	91
88) Benzo(b)fluoranthene	22.67	252	369220	30.39	ng/ul#	86
89) Benzo(k)fluoranthene	22.70	252	126753m	11.35	ng/ul	
91) Benzo(a)pyrene	23.23	252	213108	19.61	ng/ul#	78
92) Indeno(1,2,3-cd)pyrene	25.54	276	105686	8.40	ng/ul#	90
94) Benzo(g,h,i)perylene	26.23	276	91882	8.95	ng/ul	94

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

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