

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018266.D
 Acq On : 4 Aug 2015 23:00
 Operator : UM/TP
 Sample : G3109-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P5

Manual Integrations
 APPROVED

MMDadoda
 8/7/2015 4:40:54 PM

Quant Time: Aug 07 04:03:56 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	7.45	152	54732	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	250837	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.14	164	147758	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.90	188	247444m	20.00	ng/ul	0.01
78) Chrysene-d12	21.13	240	204661m	20.00	ng/ul	0.02
86) Perylene-d12	23.32	264	199886	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.93	96	1245	1.72	ng/uL	0.00
5) Phenol-d5	6.67	99	57014	11.58	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.80	67	28120	11.18	ng/ul	0.01
9) 2-Chlorophenol-d4	7.00	132	46441	12.49	ng/ul	0.01
13) 4-Methylphenol-d8	8.20	113	32643	8.14	ng/ul	0.02
19) Nitrobenzene-d5	8.62	128	24692	12.50	ng/ul	0.01
22) 2-Nitrophenol-d4	9.33	143	28501	12.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	49967	12.47	ng/ul	0.01
29) 4-Chloroaniline-d4	10.39	131	6626	1.33	ng/ul	0.01
44) Dimethylphthalate-d6	13.56	166	151818	13.30	ng/ul	0.01
47) Acenaphthylene-d8	13.83	160	170728	12.90	ng/ul	0.01
52) 4-Nitrophenol-d4	14.40	143	17493	8.28	ng/ul	0.02
58) Fluorene-d10	15.14	176	120394	11.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.30	200	6062m	3.51	ng/ul	0.02
71) Anthracene-d10	17.00	188	138531m	12.88	ng/ul	0.01
79) Pyrene-d10	19.32	212	99809m	10.08	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.19	264	131514	13.01	ng/ul	0.06

Target Compounds

					Qvalue	
28) Naphthalene	10.29	128	20000	1.66	ng/ul#	95
34) 2-Methylnaphthalene	11.92	142	12449	1.30	ng/ul	88
35) 1-Methylnaphthalene	12.15	142	9420	1.03	ng/ul#	98
45) Dimethylphthalate	13.60	163	57893	5.10	ng/ul	97
50) Acenaphthene	14.20	153	46057	5.38	ng/ul#	92
54) Dibenzofuran	14.54	168	32646m	2.53	ng/ul	
59) Fluorene	15.20	166	56857	5.11	ng/ul	92
70) Phenanthrene	16.95	178	1166984m	92.84	ng/ul	
72) Anthracene	17.04	178	276464	22.11	ng/ul	98
75) Carbazole	17.31	167	56005	5.39	ng/ul	99
76) Di-n-butylphthalate	17.88	149	272698m	19.72	ng/ul	
77) Fluoranthene	18.99	202	1836989m	133.06	ng/ul	
80) Pyrene	19.36	202	1480382m	119.25	ng/ul	
83) Benzo(a)anthracene	21.11	228	896703m	81.36	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.04	149	96124m	14.13	ng/ul	
85) Chrysene	21.17	228	772641	76.53	ng/ul	96
88) Benzo(b)fluoranthene	22.67	252	1193625	99.40	ng/ul#	96
89) Benzo(k)fluoranthene	22.71	252	385091m	34.89	ng/ul	
91) Benzo(a)pyrene	23.23	252	769863m	71.66	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.54	276	327272	26.33	ng/ul#	87
93) Dibenzo(a,h)anthracene	25.54	278	95048	8.93	ng/ul#	94
94) Benzo(g,h,i)perylene	26.22	276	274813	27.08	ng/ul#	90

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

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