

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
 Data File : BG020356.D
 Acq On : 20 Dec 2015 23:56
 Operator : UM/SJ
 Sample : G4848-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N48

Manual Integrations
 APPROVED

apatel
 12/22/2015 4:47:51 PM

Quant Time: Dec 22 09:31:00 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 01:58:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	23087	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	99188	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	70831	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	155640	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	201777	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	192548	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	1317	3.15	ng/uL	0.00
5) Phenol-d5	7.26	99	39317	19.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	24736	20.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	31756	21.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	34303	19.70	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	18410	23.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	21653	25.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	37110	21.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	40526	20.70	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	124567	21.74	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	143635	21.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	16192	15.76	ng/ul	0.00
58) Fluorene-d10	15.72	176	111373	21.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	12500	13.55	ng/ul	0.02
71) Anthracene-d10	17.59	188	162010	22.59	ng/ul	0.02
79) Pyrene-d10	19.86	212	195173	20.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	217930	22.69	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.99	128	2995536	578.31	ng/ul#	82
34) 2-Methylnaphthalene	12.57	142	1103840	278.99	ng/ul	99
41) 1,1'-Biphenyl	13.56	154	476262	89.13	ng/ul	97
45) Dimethylphthalate	14.18	163	53446	9.13	ng/ul	99
48) Acenaphthylene	14.45	152	145545	20.55	ng/ul#	96
50) Acenaphthene	14.81	153	1792691	376.24	ng/ul	92
54) Dibenzofuran	15.14	168	1800037	253.95	ng/ul#	87
59) Fluorene	15.79	166	1734194	304.68	ng/ul#	98
70) Phenanthrene	17.56	178	4988593m	585.98	ng/ul	
72) Anthracene	17.62	178	585519	67.81	ng/ul	97
75) Carbazole	17.88	167	397873	54.84	ng/ul	97
77) Fluoranthene	19.55	202	3562402	358.05	ng/ul#	77
80) Pyrene	19.91	202	2742676	224.58	ng/ul#	86
83) Benzo(a)anthracene	21.73	228	916666	77.86	ng/ul	95
85) Chrysene	21.80	228	726269	65.50	ng/ul	95
88) Benzo(b)fluoranthene	23.98	252	439361	37.91	ng/ul	96
89) Benzo(k)fluoranthene	24.04	252	168014m	15.11	ng/ul	
91) Benzo(a)pyrene	24.87	252	239973	21.84	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.75	276	66292	5.07	ng/ul	97
93) Dibenzo(a,h)anthracene	28.79	278	19548m	1.80	ng/ul	
94) Benzo(a,h,i)perylene	29.92	276	43185	4.03	ng/ul	98

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

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