

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020237.D
 Acq On : 17 Dec 2015 1:28
 Operator : UM/SJ
 Sample : G4767-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N34

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:29 PM

Quant Time: Dec 17 05:46:26 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 03:53:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	24938	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	113150	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	83030	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	169579	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	192254	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	188071	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	1242	2.75	ng/uL	0.00
5) Phenol-d5	7.25	99	34501	15.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	21270	16.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	26354	16.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	30696	16.32	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	15983	18.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	18416	18.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	32334	16.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	44464	19.91	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	107942	16.07	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	125007	16.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	15754	13.08	ng/ul	0.00
58) Fluorene-d10	15.72	176	94871	15.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	5980	5.95	ng/ul	0.03
71) Anthracene-d10	17.59	188	136744	17.50	ng/ul	0.03
79) Pyrene-d10	19.86	212	154321	17.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	170840	18.21	ng/ul	0.00

Target Compounds

					Qvalue	
14) Acetophenone	8.92	105	3610	1.23	ng/ul	96
28) Naphthalene	11.00	128	3908083	661.39	ng/ul#	72
34) 2-Methylnaphthalene	12.59	142	1803605	399.61	ng/ul	99
35) 1-Methylnaphthalene	12.79	142	920054	212.04	ng/ul#	95
41) 1,1'-Biphenyl	13.57	154	654654	104.51	ng/ul	99
45) Dimethylphthalate	14.18	163	47850	6.98	ng/ul	98
48) Acenaphthylene	14.46	152	121431	14.63	ng/ul#	93
50) Acenaphthene	14.82	153	2357800	422.14	ng/ul#	89
54) Dibenzofuran	15.14	168	2288804	275.47	ng/ul#	80
59) Fluorene	15.80	166	2265247	339.50	ng/ul#	97
70) Phenanthrene	17.56	178	5576401m	601.18	ng/ul	
72) Anthracene	17.62	178	880347	93.57	ng/ul	94
75) Carbazole	17.88	167	421112	53.27	ng/ul	97
77) Fluoranthene	19.54	202	3674229m	338.93	ng/ul	
80) Pyrene	19.90	202	2852250	245.12	ng/ul#	86
83) Benzo(a)anthracene	21.73	228	958053	85.40	ng/ul	94
85) Chrysene	21.80	228	763896m	72.30	ng/ul	
88) Benzo(b)fluoranthene	23.99	252	429954	37.98	ng/ul	96
89) Benzo(k)fluoranthene	24.04	252	145713m	13.41	ng/ul	
91) Benzo(a)pyrene	24.86	252	235769	21.97	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.73	276	68303	5.35	ng/ul#	90
93) Dibenzo(a,h)anthracene	28.79	278	24963m	2.35	ng/ul	
94) Benzo(g,h,i)perylene	29.89	276	51838m	4.95	ng/ul	

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

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