

Data Path : U:\HPCHEM1\BNA G\DATA\BG121715\
 Data File : BG020236.D
 Acq On : 17 Dec 2015 00:49
 Operator : UM/SJ
 Sample : G4787-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9BP0

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 12:00:23 PM

Quant Time: Dec 26 04:09:28 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	18076	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	87885	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	65825	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	148416	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	175270	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	170994	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	1162	3.55	ng/uL	0.01
5) Phenol-d5	7.24	99	30181	18.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	20326	21.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	24314	20.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	26853	19.70	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	13611	19.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	14016	18.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	28928	18.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	34835	20.08	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	101070	18.98	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	111912	18.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	10373	10.86	ng/ul	0.00
58) Fluorene-d10	15.72	176	85013	17.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	5692	6.47	ng/ul	0.00
71) Anthracene-d10	17.57	188	129642	18.96	ng/ul	0.00
79) Pyrene-d10	19.85	212	141446	17.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	150910	17.69	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.98	128	2174485	473.80	ng/ul# 90
34) 2-Methylnaphthalene	12.57	142	989087	282.14	ng/ul 98
41) 1,1'-Biphenyl	13.56	154	98179	19.77	ng/ul 95
45) Dimethylphthalate	14.17	163	51089	9.39	ng/ul 98
48) Acenaphthylene	14.45	152	37836	5.75	ng/ul# 79
50) Acenaphthene	14.79	153	345237	77.97	ng/ul 98
54) Dibenzofuran	15.12	168	57159	8.68	ng/ul 94
59) Fluorene	15.77	166	208001	39.32	ng/ul 100
70) Phenanthrene	17.52	178	976748	120.32	ng/ul 97
72) Anthracene	17.60	178	290133	35.24	ng/ul 99
75) Carbazole	17.87	167	24373	3.52	ng/ul# 91
77) Fluoranthene	19.52	202	375861	39.62	ng/ul 98
80) Pyrene	19.88	202	538516	50.77	ng/ul 97
83) Benzo(a)anthracene	21.72	228	231823	22.67	ng/ul 94
85) Chrysene	21.79	228	194318	20.17	ng/ul 96
88) Benzo(b)fluoranthene	23.97	252	130549	12.68	ng/ul 95
89) Benzo(k)fluoranthene	24.03	252	42850m	4.34	ng/ul
91) Benzo(a)pyrene	24.85	252	146030	14.97	ng/ul 96
92) Indeno(1,2,3-cd)pyrene	28.74	276	56708	4.88	ng/ul 94
93) Dibenzo(a,h)anthracene	28.77	278	20816m	2.16	ng/ul
94) Benzo(a,h,i)perylene	29.91	276	50541m	5.31	ng/ul

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

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