

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
 Data File : BG023644.D
 Acq On : 12 Aug 2016 5:06
 Operator : UM/SJ
 Sample : H4360-22 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-1218-01

Manual Integrations
 APPROVED

sohil
 8/12/2016 5:56:40 PM

Quant Time: Aug 12 06:50:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 04:34:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	178809	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	744748	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	506707	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1110653	20.00	ng/ul	-0.01
75) Chrysene-d12	21.88	240	1117798	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	1143477	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	1411m	0.34	ng/uL	0.00
5) Phenol-d5	7.27	99	41716	2.32	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	41091	3.56	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	40996	3.34	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	32872	2.34	ng/ul	-0.01
19) Nitrobenzene-d5	9.29	128	22820	3.89	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	28772	4.27	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.58	165	46741	3.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	37311	2.50	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	178990	4.31	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	211529	4.53	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.03	143	13638m	1.93	ng/ul	0.02
57) Fluorene-d10	15.78	176	169158	4.41	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.92	200	12058	1.69	ng/ul	0.00
70) Anthracene-d10	17.65	188	235235	4.70	ng/ul	-0.01
76) Pyrene-d10	19.94	212	243881	4.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	219129	4.23	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	11.00	128	44412	1.17	ng/ul	97
44) Dimethylphthalate	14.23	163	92316	2.25	ng/ul	98
49) Acenaphthene	14.85	153	38464	1.16	ng/ul	94
58) Fluorene	15.84	166	57123	1.39	ng/ul#	79
69) Phenanthrene	17.59	178	833766	14.50	ng/ul	99
71) Anthracene	17.68	178	165765	2.82	ng/ul	95
72) Carbazole	17.96	167	64693	1.37	ng/ul	96
73) Di-n-butylphthalate	18.50	149	105487	1.78	ng/ul	97
74) Fluoranthene	19.61	202	990588	16.82	ng/ul#	93
77) Pyrene	19.97	202	1071367	15.50	ng/ul#	93
80) Benzo(a)anthracene	21.86	228	535345	8.50	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.76	149	7925954	224.90	ng/ul#	2
82) Chrysene	21.93	228	568370	9.93	ng/ul#	95
84) Di-n-octyl phthalate	23.01	149	905551	15.68	ng/ul	100
85) Benzo(b)fluoranthene	24.20	252	630581m	9.70	ng/ul	
86) Benzo(k)fluoranthene	24.26	252	185007m	2.89	ng/ul	
88) Benzo(a)pyrene	25.12	252	461418m	7.35	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.18	276	293627	3.98	ng/ul#	87
91) Benzo(g,h,i)perylene	30.40	276	266188m	4.35	ng/ul	

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

