

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
 Data File : BG027512.D
 Acq On : 17 Jun 2017 18:30
 Operator : SJ/MA
 Sample : I3599-06
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5A87

Manual Integrations
 APPROVED

mohammad
 6/19/2017 9:13:31 AM

Quant Time: Jun 19 02:13:01 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 19 01:52:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	44944	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	226872	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	148084	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	331318	20.00	ng/ul	0.00
75) Chrysene-d12	22.24	240	381069	20.00	ng/ul	0.00
83) Perylene-d12	25.90	264	358723	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	4.08	96	3332	2.96	ng/uL	0.00
5) Phenol-d5	7.65	99	87340	17.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	64313	19.36	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	61505	19.10	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	72574	19.04	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	31842	19.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	35374	20.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	64720	19.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	79004	18.87	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	239612	19.33	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	280635	19.65	ng/ul	0.00
51) 4-Nitrophenol-d4	15.27	143	35853	14.78	ng/ul	0.00
57) Fluorene-d10	16.09	176	218588	18.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	37009	17.99	ng/ul	0.00
70) Anthracene-d10	17.95	188	333785	21.61	ng/ul	0.00
76) Pyrene-d10	20.23	212	387081	20.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.64	264	347774	21.53	ng/ul	0.01

Target Compounds

					Qvalue	
6) Phenol	7.68	94	9014	1.765	ng/ul#	88
28) Naphthalene	11.39	128	43716	3.750	ng/ul	99
34) 2-Methylnaphthalene	12.95	142	9195	1.064	ng/ul	96
44) Dimethylphthalate	14.53	163	63604	5.172	ng/ul	96
47) Acenaphthylene	14.84	152	15900	1.111	ng/ul	98
49) Acenaphthene	15.17	153	13720	1.375	ng/ul	94
53) Dibenzofuran	15.50	168	18479	1.270	ng/ul	95
58) Fluorene	16.15	166	12951	1.073	ng/ul	92
69) Phenanthrene	17.89	178	131990	7.413	ng/ul	98
71) Anthracene	17.99	178	957335	52.879	ng/ul	99
72) Carbazole	18.25	167	38838	2.494	ng/ul	96
74) Fluoranthene	19.90	202	2222288	110.934	ng/ul#	81
77) Pyrene	20.26	202	2209884	98.108	ng/ul#	76
80) Benzo(a)anthracene	22.22	228	1458324	68.721	ng/ul	96
82) Chrysene	22.30	228	1480773	77.263	ng/ul	97
85) Benzo(b)fluoranthene	24.74	252	2034601	95.232	ng/ul#	94
86) Benzo(k)fluoranthene	24.80	252	600363m	29.235	ng/ul	
88) Benzo(a)pyrene	25.73	252	903994	44.070	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	30.11	276	522745	22.323	ng/ul#	92
90) Dibenzo(a,h)anthracene	30.16	278	157676m	7.842	ng/ul	
91) Benzo(g,h,i)perylene	31.43	276	285118	14.871	ng/ul#	88

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

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