

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
 Data File : BG027543.D
 Acq On : 20 Jun 2017 00:16
 Operator : SJ/MA
 Sample : I3625-14 25X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5C81

Manual Integrations
 APPROVED

mohammad
 6/20/2017 11:51:15 AM

Quant Time: Jun 20 03:12:09 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 20 01:50:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	37661	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	189371	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.11	164	121547	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	260568m	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	305644m	20.00	ng/ul	0.00
83) Perylene-d12	25.88	264	265487	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.66	99	3446	0.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	2745	0.99	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	2512	0.93	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	3042	0.95	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	1920	1.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	1537	1.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	2799	1.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	8732m	2.50	ng/ul	0.05
43) Dimethylphthalate-d6	14.49	166	11686	1.15	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	12800	1.09	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	2010	1.01	ng/ul	0.00
57) Fluorene-d10	16.09	176	10718	1.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.96	188	14676	1.21	ng/ul	0.00
76) Pyrene-d10	20.22	212	17864m	1.20	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.62	264	14342	1.20	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.68	94	8610	2.01	ng/ul	92
11) 2-Methylphenol	8.94	108	5939	1.92	ng/ul	99
16) 4-Methylphenol	9.26	108	18156	5.34	ng/ul	96
24) 2,4-Dimethylphenol	10.48	107	25879	6.77	ng/ul#	87
28) Naphthalene	11.41	128	5341549	548.88	ng/ul#	79
34) 2-Methylnaphthalene	12.96	142	1439339	199.45	ng/ul	93
40) 1,1'-Biphenyl	13.94	154	392309	40.80	ng/ul#	97
47) Acenaphthylene	14.83	152	75436	6.42	ng/ul#	95
49) Acenaphthene	15.18	153	1228508	149.95	ng/ul	98
53) Dibenzofuran	15.51	168	1378184	115.42	ng/ul	99
58) Fluorene	16.15	166	1409222	142.21	ng/ul	99
69) Phenanthrene	17.91	178	4516041m	322.52	ng/ul	
71) Anthracene	18.00	178	1133526	79.61	ng/ul	99
72) Carbazole	18.26	167	597902	48.83	ng/ul	98
74) Fluoranthene	19.90	202	3094252m	196.40	ng/ul	
77) Pyrene	20.26	202	2263461m	125.28	ng/ul	
80) Benzo(a)anthracene	22.21	228	795752m	46.75	ng/ul	
82) Chrysene	22.29	228	582277	37.88	ng/ul	97
85) Benzo(b)fluoranthene	24.72	252	373911	23.65	ng/ul#	97
86) Benzo(k)fluoranthene	24.78	252	141262	9.29	ng/ul#	94
88) Benzo(a)pyrene	25.71	252	231370	15.24	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	30.08	276	65586	3.78	ng/ul#	94
90) Dibenzo(a,h)anthracene	30.12	278	20543m	1.38	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(q,h,i)perylene	31.40	276	38027m	2.68	ng/ul	

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

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