

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021866.D
 Acq On : 12 May 2016 11:59
 Operator : UM/SJ
 Sample : H2936-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 D9X78

Manual Integrations
 APPROVED

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 5/13/2016 8:17:30 PM

Quant Time: May 13 10:53:39 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	38520	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	204981	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	134908	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	295106	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	296054	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	291401	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	2236	2.80	ng/uL	0.00
5) Phenol-d5	7.33	99	64509	22.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	34657	24.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	64462	29.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	64219m	26.75	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	35829	26.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	39030	45.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	66914	27.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	13479m	5.20	ng/ul	0.02
44) Dimethylphthalate-d6	14.20	166	163561	17.26	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	347583	25.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	35276m	21.72	ng/ul	0.00
58) Fluorene-d10	15.79	176	264585	26.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	55	0.07	ng/ul	0.05
71) Anthracene-d10	17.64	188	437499	30.46	ng/ul	0.00
77) Pyrene-d10	19.92	212	474152	34.22	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	454757	32.85	ng/ul	0.00

Target Compounds

						Qvalue
10) 2-Chlorophenol	7.74	128	9946	4.45	ng/ul#	76
23) 2-Nitrophenol	10.10	139	52993m	51.61	ng/ul	
28) Naphthalene	11.05	128	62876m	6.12	ng/ul	
31) Hexachlorobutadiene	11.32	225	24843	15.00	ng/ul	97
33) 4-Chloro-3-methylphenol	12.26	107	34057	13.74	ng/ul#	70
35) 1-Methylnaphthalene	12.86	142	92918	12.38	ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	13.00	216	22160	5.92	ng/ul#	94
39) 2,4,6-Trichlorophenol	13.24	196	38330m	21.46	ng/ul	
41) 1,1'-Biphenyl	13.64	154	193108	18.37	ng/ul#	97
45) Dimethylphthalate	14.24	163	205384	21.28	ng/ul	98
46) 2,6-Dinitrotoluene	14.37	165	29140	15.30	ng/ul#	65
53) 4-Nitrophenol	15.01	109	20975m	28.34	ng/ul	
54) Dibenzofuran	15.19	168	102313	7.97	ng/ul#	83
67) Hexachlorobenzene	16.84	284	28981	8.14	ng/ul#	80
70) Phenanthrene	17.59	178	384438	23.83	ng/ul	96
72) Anthracene	17.67	178	160688	9.81	ng/ul	99
74) Di-n-butylphthalate	18.48	149	198339	15.36	ng/ul#	96
75) Fluoranthene	19.58	202	356432	19.44	ng/ul	96
78) Pyrene	19.95	202	380966m	22.24	ng/ul	
82) Bis(2-ethylhexyl)phthalate	21.69	149	219241	35.47	ng/ul	96
83) Chrysene	21.87	228	285973	17.55	ng/ul	98
89) Benzo(a)pyrene	25.01	252	209497	12.62	ng/ul#	94
90) Indeno(1,2,3-cd)pyrene	29.00	276	344773	17.52	ng/ul#	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Dibenzo(a,h)anthracene	29.05	278	186841m	11.41	ng/ul	

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

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