

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
 Data File : BG022758.D
 Acq On : 1 Jul 2016 13:03
 Operator : UM/SJ
 Sample : H3811-26
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TX6

Manual Integrations

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 7/4/2016 1:30:38 PM

Quant Time: Jul 03 00:05:17 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 02 00:07:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	98280	20.00	ng/ul	0.02
18) Naphthalene-d8	11.00	136	451282	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.81	164	357317	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	840257	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	949362	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	976774	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	4164	2.37	ng/uL	0.00
5) Phenol-d5	7.32	99	269819	26.10	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	163499	28.05	ng/ul	0.01
9) 2-Chlorophenol-d4	7.70	132	171750	24.87	ng/ul	0.01
13) 4-Methylphenol-d8	8.88	113	223035	27.77	ng/ul	0.01
19) Nitrobenzene-d5	9.34	128	98961	27.50	ng/ul	0.01
22) 2-Nitrophenol-d4	10.07	143	115422	26.59	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.61	165	230132	25.35	ng/ul	0.01
29) 4-Chloroaniline-d4	11.13	131	171188	22.27	ng/ul	0.01
43) Dimethylphthalate-d6	14.21	166	907720	31.27	ng/ul	0.01
46) Acenaphthylene-d8	14.51	160	1061040	31.89	ng/ul	0.01
51) 4-Nitrophenol-d4	15.00	143	153640	33.71	ng/ul	0.00
57) Fluorene-d10	15.80	176	919162	33.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	139516	25.82	ng/ul	0.00
70) Anthracene-d10	17.66	188	1432668	36.68	ng/ul	0.00
76) Pyrene-d10	19.93	212	1708760	37.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1803863	38.87	ng/ul	0.01

Target Compounds

					Qvalue	
4) Benzaldehyde	7.30	77	212615	32.35	ng/ul	89
10) 2-Chlorophenol	7.73	128	25298	3.60	ng/ul#	83
28) Naphthalene	11.05	128	144283	6.25	ng/ul#	95
31) Hexachlorobutadiene	11.33	225	102402	14.57	ng/ul	95
33) 4-Chloro-3-methylphenol	12.26	107	141862	12.29	ng/ul#	82
36) 1,2,4,5-Tetrachlorobenzene	13.01	216	88272	6.61	ng/ul#	95
38) 2,4,6-Trichlorophenol	13.24	196	134027	14.55	ng/ul	92
40) 1,1'-Biphenyl	13.64	154	559428	20.59	ng/ul#	93
44) Dimethylphthalate	14.25	163	844735	28.50	ng/ul	98
45) 2,6-Dinitrotoluene	14.38	165	89333	13.92	ng/ul#	73
52) 4-Nitrophenol	15.02	109	210541	36.32	ng/ul#	60
53) Dibenzofuran	15.20	168	333870	9.50	ng/ul#	88
63) 4,6-Dinitro-2-methylphenol	15.92	198	97836	17.08	ng/ul#	90
66) Hexachlorobenzene	16.86	284	107230	9.01	ng/ul#	92
68) Pentachlorophenol	17.21	266	140493	20.54	ng/ul#	80
69) Phenanthrene	17.60	178	1109772	25.82	ng/ul	100
71) Anthracene	17.69	178	491058	11.12	ng/ul	98
73) Di-n-butylphthalate	18.50	149	742590	17.70	ng/ul#	95
74) Fluoranthene	19.60	202	1112691	24.85	ng/ul#	86
77) Pyrene	19.96	202	1139465	21.44	ng/ul#	85
81) Bis(2-ethylhexyl)phthalate	21.72	149	645090	24.25	ng/ul#	96
82) Chrysene	21.90	228	1002519	19.78	ng/ul	97
88) Benzo(a)pyrene	25.07	252	900289	15.52	ng/ul#	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Indeno(1,2,3-cd)pyrene	29.07	276	1211435m	19.76	ng/ul	
90) Dibenzo(a,h)anthracene	29.14	278	636411m	12.55	ng/ul	

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

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