Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032516\
Data File : BG021511.D
Acq On : 25 Mar 2016 12:20
Operator : UM/SJ
Sample : H1909-11MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4T45MSD

Manual Integrations APPROVED
Sohil
3/28/2016 7:30:14 PM

Quant Time: Mar 26 00:38:54 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 25 23:28:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	18830	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	87663	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	51317	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	109039	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	122943	20.00	ng/ul	0.00
86) Perylene-d12	24.90	264	121372	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	1053	2.51	ng/uL	0.00
5) Phenol-d5	7.33	99	29728	16.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	19761	18.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	24659	18.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	27107	17.78	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	12348	18.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	13802	18.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	25477	18.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	20085	11.43	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	78909	18.47	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	101796	19.33	ng/ul	0.00
52) 4-Nitrophenol-d4	15.08	143	10073	14.75	ng/ul	0.00
58) Fluorene-d10	15.67	176	70569	18.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	11562	16.05	ng/ul	0.00
71) Anthracene-d10	17.52	188	107826	20.18	ng/ul	0.00
79) Pyrene-d10	19.80	212	119834	20.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	129417	23.10	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.36	94	30056	15.97	ng/ul	93
10) 2-Chlorophenol	7.67	128	23711	17.06	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.86	70	22575	16.37	ng/ul#	99
33) 4-Chloro-3-methylphenol	12.24	107	29248	17.16	ng/ul	94
45) Dimethylphthalate	14.13	163	29669	6.68	ng/ul	98
50) Acenaphthene	14.74	153	66745	18.54	ng/ul	97
53) 4-Nitrophenol	15.10	109	11097	15.66	ng/ul	90
55) 2,4-Dinitrotoluene	15.05	165	23060	17.36	ng/ul	88
69) Pentachlorophenol	17.09	266	6365	17.92	ng/ul	93
77) Fluoranthene	19.46	202	14901	2.00	ng/ul	96
80) Pyrene	19.83	202	162143	22.13	ng/ul	96
83) Benzo(a)anthracene	21.66	228	10638	1.43	ng/ul	91
84) Bis(2-ethylhexyl)phthalate	21.54	149	5205	1.15	ng/ul#	96
85) Chrysene	21.72	228	9259	1.32	ng/ul	93
88) Benzo(b)fluoranthene	23.87	252	24035	3.08	ng/ul#	95
91) Benzo(a)pyrene	24.74	252	19285	2.55	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	28.57	276	18154m	2.11	ng/ul	
94) Benzo(g,h,i)perylene	29.72	276	20080m	2.84	ng/ul	

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

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