Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
Data File : BG020725.D
Acq On : 14 Jan 2016 7:25
Operator : SJ/IZ
Sample : H1096-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC939

Manual Integrations APPROVED
MMdadoda
1/14/2016 5:57:53 PM

Quant Time: Jan 14 11:36:17 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 07:56:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	21950	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	95850	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	65040	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	155940	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	183203	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	176949	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	1142	2.54	ng/uL	0.00
5) Phenol-d5	7.21	99	30389	16.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	19596	17.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	26672	18.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	22686	14.30	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	14569	19.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	16753	19.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	30508	18.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	24826	14.99	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	106606	18.78	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	126901	19.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	8328	10.93	ng/ul	0.00
58) Fluorene-d10	15.67	176	98546	19.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	12996	15.32	ng/ul	0.00
71) Anthracene-d10	17.53	188	151808	19.86	ng/ul	0.00
79) Pyrene-d10	19.81	212	173103	19.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	185169	19.63	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.91	128	6830	1.26	ng/ul#	92
45) Dimethylphthalate	14.13	163	41396	6.79	ng/ul	100
50) Acenaphthene	14.74	153	5996	1.29	ng/ul	95
59) Fluorene	15.72	166	7407	1.30	ng/ul	96
70) Phenanthrene	17.47	178	229031	24.69	ng/ul	99
72) Anthracene	17.56	178	26282	2.81	ng/ul	99
77) Fluoranthene	19.48	202	436560	38.71	ng/ul	99
80) Pyrene	19.85	202	643352	55.38	ng/ul	99
83) Benzo(a)anthracene	21.69	228	289139m	25.30	ng/ul	
85) Chrysene	21.75	228	343196	31.76	ng/ul	96
88) Benzo(b)fluoranthene	23.93	252	316053	27.73	ng/ul	99
89) Benzo(k)fluoranthene	23.99	252	100346m	8.91	ng/ul	
91) Benzo(a)pyrene	24.81	252	282610	25.76	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.69	276	173003	13.37	ng/ul	97
93) Dibenzo(a,h)anthracene	28.72	278	57020m	5.35	ng/ul	
94) Benzo(g,h,i)perylene	29.86	276	177104	16.59	ng/ul	99

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

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