Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
Data File : BG020721.D
Acq On : 14 Jan 2016 4:49
Operator : SJ/IZ
Sample : H1096-05 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC935

Manual Integrations APPROVED
MMdadoda
1/14/2016 5:57:47 PM

Quant Time: Jan 14 11:16:30 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	16976	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	75845	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	55332	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	137345	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	160890	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	154051	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	7.20	99	2501	1.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	1439	1.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	2026	1.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	2131	1.74	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	1020	1.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	1323	1.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	2341	1.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	384	0.29	ng/ul	0.02
44) Dimethylphthalate-d6	14.08	166	10488	2.17	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	12210	2.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	176	0.27	ng/ul	0.04
58) Fluorene-d10	15.67	176	9761	2.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	519	0.69	ng/ul	0.00
71) Anthracene-d10	17.53	188	16728	2.48	ng/ul	0.00
79) Pyrene-d10	19.81	212	19184	2.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	19883	2.42	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthene	14.74	153	4748	1.20	ng/ul	96
59) Fluorene	15.72	166	6810	1.40	ng/ul	96
70) Phenanthrene	17.47	178	153333	18.76	ng/ul	98
72) Anthracene	17.56	178	23747	2.88	ng/ul	97
75) Carbazole	17.83	167	11916	1.76	ng/ul#	93
77) Fluoranthene	19.48	202	287322	28.92	ng/ul	98
80) Pyrene	19.84	202	301817	29.58	ng/ul	100
83) Benzo(a)anthracene	21.68	228	156440	15.59	ng/ul	95
85) Chrysene	21.75	228	171403	18.06	ng/ul	99
88) Benzo(b)fluoranthene	23.92	252	187427	18.89	ng/ul	98
89) Benzo(k)fluoranthene	23.97	252	64132m	6.54	ng/ul	
91) Benzo(a)pyrene	24.80	252	145893	15.28	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.67	276	97207	8.63	ng/ul	97
93) Dibenzo(a,h)anthracene	28.71	278	30848m	3.32	ng/ul	
94) Benzo(g,h,i)perylene	29.84	276	94145	10.13	ng/ul	98

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

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