Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023650.D
Acq On : 12 Aug 2016 11:10
Operator : UM/SJ
Sample : H4384-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS001-2430-01

Manual Integrations APPROVED
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8/15/2016 6:48:30 PM

Quant Time: Aug 15 17:38:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	156258	20.00	ng/ul	0.01
18) Naphthalene-d8	10.96	136	855789	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.79	164	600671	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1401051	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1120303	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1163628	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	10101m	2.75	ng/uL	0.02
5) Phenol-d5	7.28	99	391601	24.88	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.44	67	241601	23.96	ng/ul	0.01
9) 2-Chlorophenol-d4	7.65	132	270128	25.15	ng/ul	0.02
13) 4-Methylphenol-d8	8.84	113	348314	28.34	ng/ul	0.02
19) Nitrobenzene-d5	9.31	128	159766	23.68	ng/ul	0.02
22) 2-Nitrophenol-d4	10.03	143	267163	34.48	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.58	165	414112	28.34	ng/ul	0.01
29) 4-Chloroaniline-d4	11.10	131	352546	20.56	ng/ul	0.01
43) Dimethylphthalate-d6	14.19	166	1225230	24.91	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1411738	25.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	195964	23.34	ng/ul	0.00
57) Fluorene-d10	15.79	176	1119869	24.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.93	200	53148	5.91	ng/ul	0.02
70) Anthracene-d10	17.66	188	1690115	26.78	ng/ul	0.00
76) Pyrene-d10	19.95	212	1595507	28.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1408711	26.75	ng/ul	0.01
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.61	142	39648m	1.13	ng/ul	
44) Dimethylphthalate	14.24	163	1078835	22.15	ng/ul	99
47) Acenaphthylene	14.52	152	239012	4.13	ng/ul	99
58) Fluorene	15.84	166	120072	2.47	ng/ul#	96
69) Phenanthrene	17.60	178	1957213	26.97	ng/ul	93
71) Anthracene	17.69	178	298488	4.03	ng/ul	98
74) Fluoranthene	19.61	202	2755193	37.09	ng/ul	99
77) Pyrene	19.98	202	2994867	43.24	ng/ul	97
80) Benzo(a)anthracene	21.86	228	1575989	24.98	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.74	149	117824	3.34	ng/ul	100
82) Chrysene	21.94	228	1631016	28.43	ng/ul#	90
85) Benzo(b)fluoranthene	24.21	252	1648082	24.90	ng/ul#	95
86) Benzo(k)fluoranthene	24.27	252	665227m	10.21	ng/ul	
88) Benzo(a)pyrene	25.14	252	1391652m	21.78	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.21	276	845224	11.26	ng/ul#	90
90) Dibenzo(a,h)anthracene	29.26	278	267199	4.17	ng/ul#	82
91) Benzo(g,h,i)perylene	30.44	276	800752	12.86	ng/ul#	83

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

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