Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
Data File : BG023709.D
Acq On : 14 Aug 2016 4:33
Operator : UM/SJ
Sample : H4388-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS002-0612-01

Manual Integrations APPROVED
umangi
8/16/2016 7:00:03 PM

Quant Time: Aug 16 11:28:44 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	126488	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	549201	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	338824	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	698692	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	711880	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	717395	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	7062	2.37	ng/uL	0.00
5) Phenol-d5	7.27	99	219316	17.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	152803	18.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	163893	18.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	166972	16.79	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	84387m	19.49	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	102758	20.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	167687	17.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	132289	12.02	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	550815	19.86	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	654817	20.97	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	68080	14.38	ng/ul	0.00
57) Fluorene-d10	15.78	176	479222	18.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	68908	15.37	ng/ul	0.00
70) Anthracene-d10	17.65	188	663915	21.09	ng/ul	0.00
76) Pyrene-d10	19.95	212	699776	19.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	677086	20.85	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.22	163	278213	10.13	ng/ul	99
47) Acenaphthylene	14.51	152	89205	2.73	ng/ul#	91
58) Fluorene	15.84	166	46155	1.68	ng/ul	94
69) Phenanthrene	17.60	178	958650	26.49	ng/ul	98
71) Anthracene	17.68	178	79021	2.14	ng/ul	98
74) Fluoranthene	19.61	202	1196142	32.29	ng/ul#	92
77) Pyrene	19.98	202	1411685	32.08	ng/ul	93
80) Benzo(a)anthracene	21.86	228	612859	15.29	ng/ul	97
82) Chrysene	21.93	228	764733	20.98	ng/ul	95
85) Benzo(b)fluoranthene	24.20	252	660853	16.20	ng/ul#	93
86) Benzo(k)fluoranthene	24.26	252	232554m	5.79	ng/ul	
88) Benzo(a)pyrene	25.13	252	506015m	12.84	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.20	276	254410	5.50	ng/ul#	80
90) Dibenzo(a,h)anthracene	29.25	278	83550m	2.12	ng/ul	
91) Benzo(g,h,i)perylene	30.43	276	243153m	6.34	ng/ul	

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

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