Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
Data File : BG022023.D
Acq On : 22 May 2016 22:04
Operator : UM/SJ
Sample : H3204-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XP9

Manual Integrations APPROVED
umangi
5/24/2016 7:33:16 PM

Quant Time: May 24 11:03:19 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 08:11:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43666	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	224728	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	119994	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	225039	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	194899	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	181840	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	1217	1.28	ng/uL	0.00
3) Phenol-d5	7.31	99	64436	16.71	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	33254	16.19	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	55744	17.61	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	57544	16.75	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	29320	18.60	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	31640	18.81	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	54975	18.49	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	49417	21.10	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	180162	19.47	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	241807	20.29	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	12068	7.41	ng/ul	0.00
21) Fluorene-d10	15.78	176	153771	18.47	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	15857	14.20	ng/ul	0.00
26) Anthracene-d10	17.63	188	207891	20.05	ng/ul	0.00
30) Pyrene-d10	19.91	212	212201	20.64	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.92	264	170858	21.16	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.57	178	13253	1.10	ng/ul#	92
28) Fluoranthene	19.57	202	24315	1.95	ng/ul#	94
31) Pyrene	19.94	202	20682m	1.54	ng/ul	
32) Benzo(a)anthracene	21.79	228	13111	1.21	ng/ul#	91
33) Chrysene	21.86	228	11576	1.10	ng/ul#	94
35) Benzo(b)fluoranthene	24.08	252	20416	1.95	ng/ul#	92
38) Benzo(a)pyrene	24.98	252	12914	1.29	ng/ul#	83

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

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