Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
Data File : BG022030.D
Acq On : 23 May 2016 2:46
Operator : UM/SJ
Sample : H3203-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XG9

Manual Integrations APPROVED
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5/24/2016 7:33:30 PM

Quant Time: May 24 18:24:14 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	53793	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	269859	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	146826	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	281760	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	253405	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	236732	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	1228	1.05	ng/uL	0.00
3) Phenol-d5	7.31	99	56058	11.80	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	31335	12.39	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	50640	12.98	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	39932	9.44	ng/ul	0.00
8) Nitrobenzene-d5	9.32	128	25390	13.41	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	26815	13.27	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	48882	13.69	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	48794	17.35	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	160032	14.14	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	218717	15.00	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	12575m	6.31	ng/ul	0.00
21) Fluorene-d10	15.77	176	140706	13.81	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	12247	8.76	ng/ul	0.00
26) Anthracene-d10	17.63	188	190261	14.66	ng/ul	0.00
30) Pyrene-d10	19.91	212	203734	15.24	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	163230	15.53	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.57	178	17067	1.13	ng/ul	99
28) Fluoranthene	19.57	202	31903	2.04	ng/ul#	94
31) Pyrene	19.94	202	27552m	1.58	ng/ul	
32) Benzo(a)anthracene	21.79	228	17452	1.24	ng/ul#	91
33) Chrysene	21.86	228	21349m	1.56	ng/ul	
35) Benzo(b)fluoranthene	24.09	252	26757	1.97	ng/ul#	93
38) Benzo(a)pyrene	24.99	252	16873	1.30	ng/ul#	91
41) Benzo(g,h,i)perylene	30.16	276	13502m	1.08	ng/ul	

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

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