Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
Data File : BG022036.D
Acq On : 23 May 2016 6:47
Operator : UM/SJ
Sample : H3203-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XH8

Manual Integrations APPROVED
umangi
5/24/2016 7:33:48 PM

Quant Time: May 24 13:31:08 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	45257	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	230888	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	121566	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	229488	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	202534	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	187701	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.53	96	1091	1.11	ng/uL	0.00
3) Phenol-d5	7.31	99	54980	13.76	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	32974	15.49	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	52262	15.93	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	48972	13.76	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	28509	17.60	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	24113	13.95	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	47201	15.45	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	40510	16.84	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	162912	17.38	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	231773	19.20	ng/ul	0.00
20) 4-Nitrophenol-d4	15.00	143	1129	0.68	ng/ul	0.02
21) Fluorene-d10	15.77	176	148414	17.59	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.90	200	5841	5.13	ng/ul	0.00
26) Anthracene-d10	17.63	188	200495	18.96	ng/ul	0.00
30) Pyrene-d10	19.90	212	194195	18.17	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	163960	19.67	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.57	178	132138	10.77	ng/ul	97
27) Anthracene	17.66	178	18087	1.47	ng/ul	97
28) Fluoranthene	19.57	202	350003	27.46	ng/ul#	94
31) Pyrene	19.93	202	271047m	19.43	ng/ul	
32) Benzo(a)anthracene	21.79	228	148441	13.21	ng/ul	95
33) Chrysene	21.86	228	164780	15.08	ng/ul	98
35) Benzo(b)fluoranthene	24.09	252	260683	24.16	ng/ul#	96
36) Benzo(k)fluoranthene	24.14	252	64458m	6.07	ng/ul	
38) Benzo(a)pyrene	24.99	252	139677	13.54	ng/ul#	96
39) Indeno(1,2,3-cd)pyrene	28.96	276	80228	6.84	ng/ul#	89
40) Dibenzo(a,h)anthracene	29.01	278	20182m	2.08	ng/ul	
41) Benzo(g,h,i)perylene	30.16	276	77792m	7.84	ng/ul	

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

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