Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
Data File : BG022034.D
Acq On : 23 May 2016 5:27
Operator : UM/SJ
Sample : H3203-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XH6

Manual Integrations APPROVED
umangi
5/24/2016 7:33:43 PM

Quant Time: May 24 13:18:25 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	41648	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	210503	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	113186	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	217181	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	197094	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	189108	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	1012	1.11	ng/uL	0.00
3) Phenol-d5	7.31	99	50996	13.87	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	28563	14.58	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	44651	14.79	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	45276	13.82	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	23370	15.82	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	23808	15.11	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	41852	15.03	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	41829	19.07	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	138079	15.82	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	191010	16.99	ng/ul	0.00
20) 4-Nitrophenol-d4	15.00	143	12217m	7.96	ng/ul	0.01
21) Fluorene-d10	15.77	176	122935	15.65	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	10898	10.11	ng/ul	0.00
26) Anthracene-d10	17.63	188	168355	16.83	ng/ul	0.00
30) Pyrene-d10	19.91	212	172465	16.58	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	141788	16.88	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.57	178	37458	3.23	ng/ul	98
27) Anthracene	17.66	178	24538	2.10	ng/ul	98
28) Fluoranthene	19.57	202	215205	17.84	ng/ul#	94
31) Pyrene	19.93	202	203825m	15.02	ng/ul	
32) Benzo(a)anthracene	21.79	228	149237	13.65	ng/ul	97
33) Chrysene	21.86	228	148973	14.01	ng/ul	96
35) Benzo(b)fluoranthene	24.09	252	224003	20.61	ng/ul#	95
36) Benzo(k)fluoranthene	24.15	252	59100m	5.53	ng/ul	
38) Benzo(a)pyrene	24.99	252	104695	10.07	ng/ul#	90
39) Indeno(1,2,3-cd)pyrene	28.97	276	51718m	4.38	ng/ul	
40) Dibenzo(a,h)anthracene	29.00	278	16274m	1.66	ng/ul	
41) Benzo(g,h,i)perylene	30.16	276	38273m	3.83	ng/ul	

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

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