Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
Data File : BG022013.D
Acq On : 22 May 2016 15:22
Operator : UM/SJ
Sample : H3204-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XH1

Manual Integrations APPROVED
umangi
5/24/2016 7:32:48 PM

Quant Time: May 24 09:12:20 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	34850	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	184342	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	101936	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.52	188	202250	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	188181	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	177495	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.53	96	1863	2.45	ng/uL	0.00
3) Phenol-d5	7.31	99	79888	25.96	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	43504	26.54	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	71436	28.27	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	65558	23.92	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	35605	27.53	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	36123	26.18	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	64675	26.52	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	65812m	34.26	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	213432	27.15	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	296073	29.25	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	19720m	14.26	ng/ul	0.00
21) Fluorene-d10	15.77	176	194622	27.51	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.88	200	19573	19.50	ng/ul	-0.01
26) Anthracene-d10	17.62	188	284154m	30.49	ng/ul	0.00
30) Pyrene-d10	19.90	212	303345	30.55	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	244798	31.05	ng/ul	-0.01
Target Compounds						Qvalue
11) Naphthalene	11.03	128	11610	1.29	ng/ul	96
13) 2-Methylnaphthalene	12.62	142	6923	1.07	ng/ul	95
25) Phenanthrene	17.57	178	37993	3.51	ng/ul	98
28) Fluoranthene	19.57	202	69517	6.19	ng/ul#	95
31) Pyrene	19.93	202	59985m	4.63	ng/ul	
32) Benzo(a)anthracene	21.79	228	34276	3.28	ng/ul	94
33) Chrysene	21.85	228	38906	3.83	ng/ul#	93
35) Benzo(b)fluoranthene	24.09	252	55661	5.46	ng/ul#	93
36) Benzo(k)fluoranthene	24.14	252	20919m	2.08	ng/ul	
38) Benzo(a)pyrene	24.98	252	34870	3.57	ng/ul#	92
39) Indeno(1,2,3-cd)pyrene	28.94	276	26420m	2.38	ng/ul	
40) Dibenzo(a,h)anthracene	28.99	278	9726m	1.06	ng/ul	
41) Benzo(g,h,i)perylene	30.15	276	22066m	2.35	ng/ul	

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

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