Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052516\
Data File : BG022066.D
Acq On : 25 May 2016 20:02
Operator : UM/SJ
Sample : H3203-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XJ0

Manual Integrations APPROVED
sohil
5/26/2016 6:42:39 PM

Quant Time: May 26 03:32:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 26 03:11:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	35577	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	192650	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	112740	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	217059	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	179804	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	172870	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.52	96	895	1.15	ng/uL	0.00
3) Phenol-d5	7.31	99	47875	15.24	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	25228	15.08	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	42558	16.50	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	47369	16.93	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	23331	17.26	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	24882	17.25	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	43588	17.10	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	39561m	19.71	ng/ul	0.00
16) Dimethylphthalate-d6	14.17	166	149752	17.23	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	199797	17.84	ng/ul	0.00
20) 4-Nitrophenol-d4	15.00	143	15025m	9.83	ng/ul	0.00
21) Fluorene-d10	15.77	176	131875	16.86	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.90	200	17903	16.62	ng/ul	0.00
26) Anthracene-d10	17.62	188	182580	18.26	ng/ul	0.00
30) Pyrene-d10	19.90	212	172255	18.16	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.92	264	140135	18.25	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	11.03	128	13308	1.42	ng/ul	96
13) 2-Methylnaphthalene	12.62	142	12155	1.79	ng/ul	83
14) 1-Methylnaphthalene	12.84	142	10393m	1.50	ng/ul	
25) Phenanthrene	17.57	178	233491	20.12	ng/ul	96
27) Anthracene	17.66	178	33935	2.91	ng/ul	98
28) Fluoranthene	19.57	202	652748	54.14	ng/ul#	94
31) Pyrene	19.93	202	514456m	41.55	ng/ul	
32) Benzo(a)anthracene	21.79	228	298780	29.96	ng/ul	96
33) Chrysene	21.86	228	308333	31.78	ng/ul	95
35) Benzo(b)fluoranthene	24.09	252	465938	46.89	ng/ul#	95
36) Benzo(k)fluoranthene	24.14	252	190194m	19.46	ng/ul	
38) Benzo(a)pyrene	25.00	252	307494	32.36	ng/ul#	93
39) Indeno(1,2,3-cd)pyrene	28.97	276	251022	23.24	ng/ul	96
40) Dibenzo(a,h)anthracene	29.02	278	61563m	6.88	ng/ul	
41) Benzo(g,h,i)perylene	30.18	276	231087	25.29	ng/ul#	89

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

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