Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
Data File : BG021970.D
Acq On : 19 May 2016 19:44
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02004

Manual Integrations APPROVED
sohil
5/20/2016 7:15:51 PM

Quant Time: May 20 07:11:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 05:44:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	41989	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	214953	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.79	164	120617	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	245510	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	203731	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	191956	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	6275	6.85	ng/uL	0.00
3) Phenol-d5	7.31	99	72179	19.47	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	37570	19.03	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	60676	19.93	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	61149	18.51	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	30127	19.98	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	32901	20.45	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	59141	20.80	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	45610	20.36	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	170691	18.35	ng/ul	0.00
17) Acenaphthylene-d8	14.49	160	236301	19.73	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	30015	18.35	ng/ul	0.00
21) Fluorene-d10	15.77	176	157516	18.82	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.90	200	22733	18.66	ng/ul	0.00
26) Anthracene-d10	17.63	188	223326	19.74	ng/ul	0.00
30) Pyrene-d10	19.90	212	216873	20.18	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.92	264	173051m	20.30	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	11.03	128	211278	20.21	ng/ul	98
13) 2-Methylnaphthalene	12.62	142	150193	19.82	ng/ul	95
14) 1-Methylnaphthalene	12.84	142	149260	19.25	ng/ul#	98
18) Acenaphthylene	14.51	152	248132	19.89	ng/ul	99
19) Acenaphthene	14.85	153	167251	19.53	ng/ul	98
22) Fluorene	15.83	166	178300	18.80	ng/ul	99
25) Phenanthrene	17.57	178	264339	20.14	ng/ul	97
27) Anthracene	17.66	178	263619	19.99	ng/ul	99
28) Fluoranthene	19.57	202	272881	20.01	ng/ul#	94
31) Pyrene	19.93	202	276063m	19.68	ng/ul	
32) Benzo(a)anthracene	21.79	228	229680	20.32	ng/ul	96
33) Chrysene	21.86	228	226408	20.59	ng/ul	98
35) Benzo(b)fluoranthene	24.08	252	224740	20.37	ng/ul#	96
36) Benzo(k)fluoranthene	24.15	252	213277	19.65	ng/ul#	94
38) Benzo(a)pyrene	24.98	252	215245	20.40	ng/ul#	94
39) Indeno(1,2,3-cd)pyrene	28.96	276	240891	20.08	ng/ul#	93
40) Dibenzo(a,h)anthracene	29.03	278	194226	19.55	ng/ul#	96
41) Benzo(g,h,i)perylene	30.15	276	189517	18.68	ng/ul#	90

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

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