Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
Data File : BG021955.D
Acq On : 19 May 2016 5:58
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02002

Manual Integrations APPROVED
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5/19/2016 7:08:09 PM

Quant Time: May 19 06:50:23 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 19 03:59:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	37304	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	195386	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	111035	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	233803	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	207405	20.00	ng/ul	0.00
34) Perylene-d12	25.13	264	192374	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	6037	7.42	ng/uL	0.00
3) Phenol-d5	7.31	99	64708	19.64	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	34938	19.91	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	55734	20.61	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	56953	19.41	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	27948	20.39	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	29496	20.17	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	53922	20.86	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	41454	20.36	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	162300	18.96	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	223744	20.29	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	25238	16.76	ng/ul	0.00
21) Fluorene-d10	15.77	176	150963	19.59	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	21562	18.58	ng/ul	0.00
26) Anthracene-d10	17.63	188	208962	19.40	ng/ul	0.00
30) Pyrene-d10	19.90	212	211219	19.30	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.90	264	171197	20.04	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	11.03	128	190385	20.03	ng/ul	97
13) 2-Methylnaphthalene	12.62	142	137274	19.93	ng/ul	92
14) 1-Methylnaphthalene	12.84	142	137052	19.44	ng/ul#	99
18) Acenaphthylene	14.51	152	230383	20.06	ng/ul	99
19) Acenaphthene	14.85	153	157736	20.00	ng/ul	99
22) Fluorene	15.83	166	171190	19.61	ng/ul	99
25) Phenanthrene	17.57	178	252382	20.20	ng/ul	96
27) Anthracene	17.66	178	251152	20.00	ng/ul	98
28) Fluoranthene	19.57	202	264896	20.40	ng/ul#	92
31) Pyrene	19.93	202	272220m	19.06	ng/ul	
32) Benzo(a)anthracene	21.79	228	231795	20.15	ng/ul	98
33) Chrysene	21.86	228	224318	20.04	ng/ul	98
35) Benzo(b)fluoranthene	24.07	252	222295	20.10	ng/ul#	95
36) Benzo(k)fluoranthene	24.14	252	208960	19.21	ng/ul#	95
38) Benzo(a)pyrene	24.97	252	209745	19.83	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	28.93	276	242592	20.18	ng/ul#	93
40) Dibenzo(a,h)anthracene	29.01	278	201294m	20.22	ng/ul	
41) Benzo(g,h,i)perylene	30.14	276	202702	19.93	ng/ul#	89

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

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