Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
Data File : BG021957.D
Acq On : 19 May 2016 8:58
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02003

Manual Integrations APPROVED
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5/20/2016 7:15:09 PM

Quant Time: May 20 05:44:15 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	32418	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	163194	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	92887	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	200668	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	179109	20.00	ng/ul	0.00
34) Perylene-d12	25.13	264	163117	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	5309	7.51	ng/uL	0.00
3) Phenol-d5	7.31	99	51995	18.16	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	29127	19.10	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	46286	19.69	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	44686	17.52	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	23652	20.66	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	24025	19.67	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	44565	20.64	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	31915	18.77	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	134695	18.81	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	182991	19.84	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	20722	16.45	ng/ul	0.00
21) Fluorene-d10	15.77	176	124607	19.33	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	17413	17.49	ng/ul	0.00
26) Anthracene-d10	17.63	188	177568	19.21	ng/ul	0.00
30) Pyrene-d10	19.90	212	185733	19.65	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	147771	20.40	ng/ul	0.01
Target Compounds						Qvalue
11) Naphthalene	11.03	128	161123	20.30	ng/ul	100
13) 2-Methylnaphthalene	12.63	142	113500	19.73	ng/ul	100
14) 1-Methylnaphthalene	12.84	142	113543	19.29	ng/ul#	99
18) Acenaphthylene	14.51	152	192060	19.99	ng/ul	100
19) Acenaphthene	14.85	153	131967	20.01	ng/ul	97
22) Fluorene	15.83	166	142716	19.54	ng/ul	98
25) Phenanthrene	17.57	178	215732	20.11	ng/ul	97
27) Anthracene	17.66	178	213686	19.83	ng/ul	98
28) Fluoranthene	19.57	202	234315	21.02	ng/ul#	95
31) Pyrene	19.93	202	237099m	19.22	ng/ul	
32) Benzo(a)anthracene	21.79	228	205767	20.71	ng/ul	97
33) Chrysene	21.86	228	190665	19.73	ng/ul	98
35) Benzo(b)fluoranthene	24.07	252	191765	20.45	ng/ul#	96
36) Benzo(k)fluoranthene	24.14	252	190370	20.64	ng/ul#	96
38) Benzo(a)pyrene	24.98	252	182556	20.36	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	28.94	276	210960	20.70	ng/ul#	93
40) Dibenzo(a,h)anthracene	29.00	278	169300	20.05	ng/ul#	95
41) Benzo(g,h,i)perylene	30.13	276	174601	20.25	ng/ul#	89

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

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