Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
Data File : BG022025.D
Acq On : 22 May 2016 23:24
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02011

Manual Integrations APPROVED
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Quant Time: May 24 11:18:45 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	41633	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	211143	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	117695	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	229717	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	203460	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	183421	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	7222	7.96	ng/uL	0.00
3) Phenol-d5	7.31	99	76870	20.91	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	40271	20.57	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	65061	21.55	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	65388	19.97	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	33085	22.33	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	34867	22.06	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	63891	22.87	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	78009	35.45	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	178237	19.64	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	251679	21.53	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	30300	18.98	ng/ul	0.00
21) Fluorene-d10	15.78	176	169349	20.73	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	24078	21.12	ng/ul	0.00
26) Anthracene-d10	17.63	188	227355	21.48	ng/ul	0.00
30) Pyrene-d10	19.91	212	225742	21.03	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.92	264	182877	22.45	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	11.03	128	222163	21.63	ng/ul	100
13) 2-Methylnaphthalene	12.63	142	158270	21.26	ng/ul	96
14) 1-Methylnaphthalene	12.84	142	159591	20.95	ng/ul#	98
18) Acenaphthylene	14.51	152	255242	20.97	ng/ul	99
19) Acenaphthene	14.85	153	174738	20.91	ng/ul	99
22) Fluorene	15.83	166	184934	19.98	ng/ul	100
25) Phenanthrene	17.57	178	267110	21.75	ng/ul	98
27) Anthracene	17.66	178	263814	21.38	ng/ul	99
28) Fluoranthene	19.57	202	283947	22.25	ng/ul#	95
31) Pyrene	19.94	202	285313m	20.36	ng/ul	
32) Benzo(a)anthracene	21.79	228	242881	21.52	ng/ul	97
33) Chrysene	21.86	228	221202	20.15	ng/ul	98
35) Benzo(b)fluoranthene	24.08	252	228324	21.65	ng/ul#	96
36) Benzo(k)fluoranthene	24.15	252	223370	21.54	ng/ul#	95
38) Benzo(a)pyrene	24.99	252	220158	21.83	ng/ul#	96
39) Indeno(1,2,3-cd)pyrene	28.96	276	233750	20.40	ng/ul#	92
40) Dibenzo(a,h)anthracene	29.02	278	207302m	21.84	ng/ul	
41) Benzo(g,h,i)perylene	30.15	276	180511m	18.62	ng/ul	

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

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