Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
Data File : BG021929.D
Acq On : 18 May 2016 10:33
Operator : UM/SJ
Sample : SSTD00527
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 16:45:10 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 15:34:35 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD00527

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	24473	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	128477	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.79	164	82225	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	192489	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	156957	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	144827	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	1206	2.38	ng/uL	0.00
3) Phenol-d5	0.00	99	0d	0.00	ng/ul	
4) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
5) 2-Chlorophenol-d4	7.69	132	8163	5.79	ng/ul	0.00
6) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
8) Nitrobenzene-d5	9.34	128	4144	4.91	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	4442	8.33	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	7741	5.13	ng/ul	0.00
12) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
16) Dimethylphthalate-d6	14.19	166	33077	5.73	ng/ul	0.00
17) Acenaphthylene-d8	14.49	160	42369	5.17	ng/ul	0.00
20) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
21) Fluorene-d10	15.78	176	29063	4.78	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
26) Anthracene-d10	17.63	188	48949m	5.22	ng/ul	0.00
30) Pyrene-d10	19.91	212	44102	6.00	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	32530	4.73	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	11.03	128	32168	4.99	ng/ul	99
13) 2-Methylnaphthalene	12.63	142	22455	4.73	ng/ul	93
14) 1-Methylnaphthalene	12.85	142	24161	5.14	ng/ul#	98
18) Acenaphthylene	14.52	152	44736	5.32	ng/ul	98
19) Acenaphthene	14.85	153	30456	5.22	ng/ul	98
22) Fluorene	15.83	166	33751	4.99	ng/ul	100
25) Phenanthrene	17.58	178	53738	5.11	ng/ul	98
27) Anthracene	17.66	178	52819	4.94	ng/ul	99
28) Fluoranthene	19.57	202	52968	4.43	ng/ul#	91
31) Pyrene	19.93	202	59148m	6.51	ng/ul	
32) Benzo(a)anthracene	21.79	228	45139	5.17	ng/ul	99
33) Chrysene	21.86	228	49602m	5.74	ng/ul	
35) Benzo(b)fluoranthene	24.07	252	41618	5.02	ng/ul#	95
36) Benzo(k)fluoranthene	24.15	252	45929m	5.18	ng/ul	
38) Benzo(a)pyrene	24.99	252	40479	4.91	ng/ul#	91
39) Indeno(1,2,3-cd)pyrene	28.96	276	46464m	4.75	ng/ul	
40) Dibenzo(a,h)anthracene	29.02	278	37574m	4.62	ng/ul	
41) Benzo(g,h,i)perylene	30.16	276	40621m	5.03	ng/ul	

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

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