Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027948.D
Acq On : 17 Jul 2017 14:23
Operator : SJ/JU
Sample : SSTD16057
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD16057

Manual Integrations APPROVED
mohammad
7/20/2017 8:40:11 AM

Quant Time: Jul 17 15:35:30 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 17 13:11:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	61516	20.00	ng/ul	0.00
18) Naphthalene-d8	11.20	136	252891	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.99	164	159803	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.74	188	382559m	20.00	ng/ul	0.00
75) Chrysene-d12	22.07	240	514802	20.00	ng/ul	0.01
83) Perylene-d12	25.60	264	448721	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.53	99	843829	126.49	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.70	67	471094	103.61	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	9.08	113	689123	132.12	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	11.33	131	622689	133.41	ng/ul	0.01
43) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
51) 4-Nitrophenol-d4	15.19	143	372748	142.41	ng/ul	0.03
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	16.10	200	505110m	212.61	ng/ul	0.02
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
76) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
87) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	7.51	77	452478	116.007	ng/ul#	80
6) Phenol	7.56	94	800676	114.536	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.79	93	565172	109.934	ng/ul	91
11) 2-Methylphenol	8.81	108	606271	119.971	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.90	45	1026275	119.926	ng/ul	97
14) Acetophenone	9.21	105	954749	118.445	ng/ul#	84
16) 4-Methylphenol	9.15	108	644591	116.151	ng/ul	99
30) 4-Chloroaniline	11.36	127	568967	123.527	ng/ul	94
32) Caprolactam	12.17	113	202453m	123.167	ng/ul	
37) Hexachlorocyclopentadiene	13.17	237	700245	264.312	ng/ul	99
48) 3-Nitroaniline	14.90	138	353710	131.928	ng/ul#	81
50) 2,4-Dinitrophenol	15.10	184	314007	183.449	ng/ul#	71
52) 4-Nitrophenol	15.21	109	290079	139.344	ng/ul#	68
60) 4-Nitroaniline	16.08	138	432611	131.741	ng/ul#	67
63) 4,6-Dinitro-2-methylphenol	16.12	198	477470	190.494	ng/ul#	83
67) Atrazine	17.18	200	773518	183.515	ng/ul	99
68) Pentachlorophenol	17.38	266	528102	194.957	ng/ul	93
72) Carbazole	18.14	167	2603395	144.804	ng/ul	93
74) Fluoranthene	19.78	202	3523557	152.332	ng/ul#	96
79) 3,3'-Dichlorobenzidine	21.96	252	1315994	138.873	ng/ul	92
84) Di-n-octyl phthalate	23.22	149	3364631	119.671	ng/ul	100

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

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