Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027472.D
Acq On : 16 Jun 2017 15:27
Operator : SJ/MA
Sample : SSTD16083
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD16083

Manual Integrations APPROVED
mohammad
6/19/2017 9:13:06 AM

Quant Time: Jun 16 16:12:32 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 16 16:02:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	44051	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	224382	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.11	164	142664	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	334843	20.00	ng/ul	0.00
75) Chrysene-d12	22.24	240	382080	20.00	ng/ul	0.01
83) Perylene-d12	25.90	264	332360	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	7.67	99	821666	172.00	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.84	67	521690	160.23	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	9.21	113	642068	171.91	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	11.47	131	366499	88.50	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	15.30	143	387747	165.93	ng/ul	0.03
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	16.23	200	397710	191.26	ng/ul	0.03
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	7.67	77	354897	127.063	ng/ul	90
6) Phenol	7.70	94	845626	168.926	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.94	93	594398	161.459	ng/ul	95
11) 2-Methylphenol	8.95	108	618771	170.991	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	9.04	45	947545	154.625	ng/ul#	96
14) Acetophenone	9.35	105	937990	162.502	ng/ul#	85
16) 4-Methylphenol	9.29	108	668879	168.313	ng/ul	99
30) 4-Chloroaniline	11.50	127	378378	92.586	ng/ul	93
32) Caprolactam	12.30	113	238874m	179.330	ng/ul	
37) Hexachlorocyclopentadiene	13.30	237	420139	177.636	ng/ul	98
48) 3-Nitroaniline	15.02	138	344417	143.895	ng/ul#	97
50) 2,4-Dinitrophenol	15.22	184	293379	191.989	ng/ul#	82
52) 4-Nitrophenol	15.32	109	301782	162.381	ng/ul#	51
60) 4-Nitroaniline	16.20	138	480689	163.968	ng/ul#	70
63) 4,6-Dinitro-2-methylphenol	16.24	198	405956	185.042	ng/ul#	95
67) Atrazine	17.30	200	534990	145.012	ng/ul	97
68) Pentachlorophenol	17.50	266	428781	180.848	ng/ul	92
72) Carbazole	18.27	167	2302093	146.292	ng/ul#	91
74) Fluoranthene	19.90	202	2834939	140.027	ng/ul#	76
79) 3,3'-Dichlorobenzidine	22.12	252	1140533	162.165	ng/ul#	93
84) Di-n-octyl phthalate	23.44	149	3349540	160.844	ng/ul	100

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

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