Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031715\
Data File : BG016064.D
Acq On : 17 Mar 2015 19:03
Operator : TP/IZ
Sample : SSTD16026
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD16026

Manual Integrations APPROVED
mohammad
3/19/2015 11:38:05 AM

Quant Time: Mar 18 18:27:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 18 17:52:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	75168	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	337343	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	198383	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	397942	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	420328	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	411950	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.98	99	1085764	162.38	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	588656	160.40	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.52	113	841035	164.95	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	10.73	131	757743	121.58	ng/ul	0.00
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	14.65	143	525439	201.15	ng/ul	0.03
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.56	200	435594	253.98	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	6.95	77	311571	81.79	ng/ul	98
6) Phenol	7.01	94	1161190	159.27	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.24	93	893277	156.57	ng/ul	97
11) 2-Methylphenol	8.25	108	882067	162.50	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.35	45	1011143	155.91	ng/ul	98
14) Acetophenone	8.64	105	1205824	153.68	ng/ul	91
16) 4-Methylphenol	8.59	108	963523	160.87	ng/ul	100
30) 4-Chloroaniline	10.76	127	788846	123.32	ng/ul	96
32) Caprolactam	11.56	113	370509m	166.12	ng/ul	
37) Hexachlorocyclopentadiene	12.61	237	518098	205.90	ng/ul	98
48) 3-Nitroaniline	14.35	138	522765	159.90	ng/ul	96
50) 2,4-Dinitrophenol	14.56	184	328489	324.33	ng/ul	97
52) 4-Nitrophenol	14.67	109	286408	199.71	ng/ul	97
60) 4-Nitroaniline	15.53	138	678688	179.15	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.58	198	471056	237.20	ng/ul#	94
67) Atrazine	16.65	200	653400	155.32	ng/ul	97
68) Pentachlorophenol	16.82	266	496191	235.67	ng/ul	95
72) Carbazole	17.58	167	2589844	129.50	ng/ul#	78
74) Fluoranthene	19.23	202	2725566	122.60	ng/ul#	75
79) 3,3'-Dichlorobenzidine	21.27	252	1107927	161.05	ng/ul	94
84) Di-n-octyl phthalate	22.15	149	3009159	130.35	ng/ul	100

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

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