Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090817\
Data File : BG028606.D
Acq On : 8 Sep 2017 16:53
Operator : SJ/JU
Sample : SSTD16058
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD16058

Manual Integrations APPROVED
Sohil
9/11/2017 4:46:43 PM

Quant Time: Sep 08 17:33:24 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG090817.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 08 15:50:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	38447	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	159581	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	108563	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	262091m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	330078	20.00	ng/ul	0.02
83) Perylene-d12	25.55	264	305943	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	7.50	99	635733	201.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	368503	202.29	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	9.05	113	512482	195.95	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	11.30	131	454230	181.79	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	15.17	143	259819	190.64	ng/ul	0.03
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	16.09	200	337128	185.20	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	7.48	77	342674	174.886	ng/ul	88
6) Phenol	7.53	94	625820	204.115	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.75	93	431518	195.273	ng/ul	97
11) 2-Methylphenol	8.78	108	455418	202.281	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.86	45	774744	185.909	ng/ul	99
14) Acetophenone	9.17	105	735003	199.348	ng/ul#	86
16) 4-Methylphenol	9.12	108	493203	199.900	ng/ul	100
30) 4-Chloroaniline	11.32	127	421713	182.367	ng/ul	95
32) Caprolactam	12.14	113	163978m	205.933	ng/ul	
37) Hexachlorocyclopentadiene	13.13	237	368298	152.442	ng/ul	97
48) 3-Nitroaniline	14.87	138	229945	152.600	ng/ul#	99
50) 2,4-Dinitrophenol	15.08	184	216838	217.155	ng/ul#	82
52) 4-Nitrophenol	15.19	109	239996	218.551	ng/ul#	80
60) 4-Nitroaniline	16.05	138	303536	169.744	ng/ul#	79
63) 4,6-Dinitro-2-methylphenol	16.10	198	338495	194.478	ng/ul#	94
67) Atrazine	17.15	200	534949	172.108	ng/ul	99
68) Pentachlorophenol	17.36	266	317675	174.135	ng/ul	94
72) Carbazole	18.11	167	1933375	170.301	ng/ul	96
74) Fluoranthene	19.75	202	2650805	161.211	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.92	252	879440	163.878	ng/ul	94
84) Di-n-octyl phthalate	23.17	149	2710977	191.057	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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