Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
Data File : BG029195.D
Acq On : 13 Oct 2017 17:31
Operator : SJ/JU
Sample : SSTD16062
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD16062

Manual Integrations APPROVED
Sohil
10/15/2017 12:32:17 PM

Quant Time: Oct 13 18:16:31 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 16:52:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	93826	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	416775	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	243428	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	527343	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	485309	20.00	ng/ul	0.01
83) Perylene-d12	25.12	264	492880	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.33	99	1432803	157.56	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.50	67	873699	145.22	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.88	113	1174551	137.57	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	11.12	131	1100212	129.21	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	15.00	143	602670	143.39	ng/ul	0.04
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.91	200	488448	184.69	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	7.30	77	679029	103.15	ng/ul	97
6) Phenol	7.36	94	1448556	154.50	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.59	93	1092575	148.69	ng/ul	94
11) 2-Methylphenol	8.61	108	1110338	163.81	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.71	45	1584864	120.64	ng/ul#	92
14) Acetophenone	9.01	105	1687073	112.30	ng/ul	96
16) 4-Methylphenol	8.96	108	1213349	125.50	ng/ul	95
30) 4-Chloroaniline	11.15	127	1067987	126.98	ng/ul	92
32) Caprolactam	11.96	113	441091m	121.13	ng/ul	
37) Hexachlorocyclopentadiene	12.98	237	669128	172.59	ng/ul	100
48) 3-Nitroaniline	14.70	138	595987	164.46	ng/ul	91
50) 2,4-Dinitrophenol	14.91	184	370065	191.62	ng/ul	92
52) 4-Nitrophenol	15.01	109	453368	127.98	ng/ul#	76
60) 4-Nitroaniline	15.88	138	726008	144.63	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.92	198	497229	182.61	ng/ul#	97
67) Atrazine	16.99	200	882764	131.78	ng/ul	99
68) Pentachlorophenol	17.18	266	551566	155.03	ng/ul	96
72) Carbazole	17.93	167	3491231	130.05	ng/ul#	87
74) Fluoranthene	19.57	202	3970429	95.60	ng/ul#	75
79) 3,3'-Dichlorobenzidine	21.69	252	1215329	119.74	ng/ul	99
84) Di-n-octyl phthalate	22.93	149	4596042	118.39	ng/ul	100

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

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