Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101723\
Data File : BG059469.D
Acq On : 17 Oct 2023 22:23
Operator : MA/JU
Sample : SSTD16054
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD160418

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

Quant Time: Oct 18 04:23:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 18 03:51:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.188	152	25813	20.000	ng/ul	0.00
20) Naphthalene-d8	11.037	136	166096	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.833	164	72861	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.582	188	156148	20.000	ng/ul	0.00
79) Chrysene-d12	21.883	240	138764	20.000	ng/ul	0.01
88) Perylene-d12	25.326	264	208819	20.000	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.916	84	512553	214.418	ng/ul	0.00
7) Phenol-d5	7.330	99	461156	164.300	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.524	67	246524	155.394	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.899	113	347590	164.114	ng/ul	0.01
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	11.190	131	695727	158.559	ng/ul	0.01
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	15.050	143	158316	146.766	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.955	200	153647	162.041	ng/ul	0.03
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.940	79	531044	227.528	ng/ul	91
6) Benzaldehyde	7.336	77	134084	109.182	ng/ul	95
8) Phenol	7.359	94	448976	161.678	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.618	93	344115	155.673	ng/ul	92
13) 2-Methylphenol	8.628	108	335455	164.514	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.699	45	706387m	155.553	ng/ul	
16) Acetophenone	9.051	105	510339	159.565	ng/ul	97
18) 4-Methylphenol	8.975	108	369797	166.827	ng/ul	89
32) 4-Chloroaniline	11.213	127	676110	161.878	ng/ul	91
34) Caprolactam	12.036	113	126625m	135.320	ng/ul	
40) Hexachlorocyclopentadiene	12.970	237	248444	179.456	ng/ul	97
51) 3-Nitroaniline	14.774	138	180761	147.753	ng/ul#	80
53) 2,4-Dinitrophenol	14.968	184	110764	180.566	ng/ul#	89
55) 4-Nitrophenol	15.062	109	113066	146.029	ng/ul	92
63) 4-Nitroaniline	15.949	138	146125m	121.537	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.967	198	162532	161.876	ng/ul#	83
70) Atrazine	17.024	200	274242	152.506	ng/ul	96
71) Pentachlorophenol	17.206	266	195466	176.579	ng/ul	91
77) Carbazole	18.000	167	1279758	148.273	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.772	252	552625	152.162	ng/ul	98
89) Di-n-octyl phthalate	22.964	149	1680910	137.416	ng/ul	100

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