Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030723\
Data File : BG056872.D
Acq On : 7 Mar 2023 15:19
Operator : CG/JU
Sample : SSTD16079
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 07 16:00:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 15:23:28 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD160426

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.423	152	15135	20.000	ng/ul	0.00
20) Naphthalene-d8	11.267	136	68596	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.039	164	52190	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.783	188	127077	20.000	ng/ul	0.00
79) Chrysene-d12	22.119	240	120694	20.000	ng/ul	0.00
88) Perylene-d12	25.674	264	132147	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	4.128	84	209553	162.732	ng/ul	0.00
7) Phenol-d5	7.554	99	264982	173.758	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.730	67	153450	156.874	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	9.128	113	193592	166.800	ng/ul	0.02
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	11.396	131	262335	150.990	ng/ul	0.00
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	15.227	143	111740	144.936	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	16.144	200	146634	159.578	ng/ul	0.02
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	4.152	79	221693	163.435	ng/ul	99
6) Benzaldehyde	7.542	77	83882	94.294	ng/ul	94
8) Phenol	7.583	94	268128	172.105	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.824	93	179920	162.436	ng/ul	99
13) 2-Methylphenol	8.852	108	196086	170.955	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.946	45	241870	158.039	ng/ul	95
16) Acetophenone	9.264	105	321264	160.478	ng/ul	95
18) 4-Methylphenol	9.205	108	207497	165.560	ng/ul	90
32) 4-Chloroaniline	11.426	127	256314	150.473	ng/ul	96
34) Caprolactam	12.219	113	62854m	131.383	ng/ul	
40) Hexachlorocyclopentadiene	13.230	237	228034	177.753	ng/ul	95
51) 3-Nitroaniline	14.945	138	110477	129.842	ng/ul	96
53) 2,4-Dinitrophenol	15.145	184	110255	167.240	ng/ul	95
55) 4-Nitrophenol	15.245	109	142864	143.497	ng/ul	99
63) 4-Nitroaniline	16.114	138	109097	129.132	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.161	198	140980	160.495	ng/ul#	93
70) Atrazine	17.219	200	225893	144.344	ng/ul	98
71) Pentachlorophenol	17.425	266	170031	171.031	ng/ul	98
77) Carbazole	18.183	167	880836	146.466	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.990	252	381864	124.872	ng/ul	99
89) Di-n-octyl phthalate	23.277	149	1104785	151.968	ng/ul	100

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