Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057217.D
Acq On : 28 Apr 2023 14:02
Operator : CG/JU
Sample : SSTD16085
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 28 23:11:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 14:45:43 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD160433

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	16574	20.000	ng/ul	0.00
20) Naphthalene-d8	11.223	136	70678	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.994	164	52856	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.731	188	125204	20.000	ng/ul	0.00
79) Chrysene-d12	22.049	240	111062	20.000	ng/ul	# 0.01
88) Perylene-d12	25.556	264	117274	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	4.097	84	181985	153.262	ng/ul	0.00
7) Phenol-d5	7.522	99	250945	160.101	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.692	67	138113	149.812	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	9.096	113	187281	157.208	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	11.352	131	248299	147.827	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	15.194	143	95578	158.011	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	16.104	200	124941	168.426	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	4.115	79	188953	150.958	ng/ul	96
6) Benzaldehyde	7.504	77	63213m	132.045	ng/ul	
8) Phenol	7.551	94	248254	157.143	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.786	93	175713	148.611	ng/ul	97
13) 2-Methylphenol	8.820	108	189137	154.481	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.902	45	223580	146.450	ng/ul	97
16) Acetophenone	9.219	105	297193	144.978	ng/ul	100
18) 4-Methylphenol	9.166	108	202235	152.603	ng/ul	95
32) 4-Chloroaniline	11.381	127	254716	145.541	ng/ul	97
34) Caprolactam	12.174	113	59501m	147.545	ng/ul	
40) Hexachlorocyclopentadiene	13.185	237	195697	204.163	ng/ul	98
51) 3-Nitroaniline	14.900	138	95050	154.986	ng/ul	100
53) 2,4-Dinitrophenol	15.106	184	88490	191.980	ng/ul	89
55) 4-Nitrophenol	15.211	109	110782	160.303	ng/ul	94
63) 4-Nitroaniline	16.069	138	90681	156.139	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.122	198	126753	167.683	ng/ul#	99
70) Atrazine	17.173	200	218497	150.317	ng/ul	99
71) Pentachlorophenol	17.379	266	134912	187.268	ng/ul	97
77) Carbazole	18.137	167	800761	146.304	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.920	252	334581	135.648	ng/ul	97
89) Di-n-octyl phthalate	23.171	149	1008234	155.685	ng/ul	100

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