Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021623\
Data File : BG056654.D
Acq On : 16 Feb 2023 14:17
Operator : CG/JU
Sample : SSTD16058
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD160412

Quant Time: Feb 17 03:36:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021623.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 17 03:33:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.437	152	17349	20.000	ng/ul	0.00
20) Naphthalene-d8	11.281	136	80532	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.047	164	61366	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.779	188	143031	20.000	ng/ul	0.00
79) Chrysene-d12	22.104	240	131521	20.000	ng/ul	0.01
88) Perylene-d12	25.653	264	146376	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	4.154	84	222816	182.094	ng/ul	0.00
7) Phenol-d5	7.568	99	298694	195.153	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.750	67	166350	265.047	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	9.142	113	219368	179.873	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	11.410	131	307180	164.657	ng/ul	0.02
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	15.224	143	121923	158.619	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	16.146	200	128329	127.698	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	4.178	79	230667	192.567	ng/ul	99
6) Benzaldehyde	7.562	77	101868	189.709	ng/ul	98
8) Phenol	7.597	94	297138	196.588	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.844	93	199184	190.334	ng/ul	95
13) 2-Methylphenol	8.866	108	223670	192.612	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.966	45	261472	1374.706	ng/ul#	94
16) Acetophenone	9.283	105	374356	199.506	ng/ul	94
18) 4-Methylphenol	9.219	108	239817	190.147	ng/ul	95
32) 4-Chloroaniline	11.440	127	300187	157.498	ng/ul	96
34) Caprolactam	12.239	113	71355m	145.461	ng/ul	
40) Hexachlorocyclopentadiene	13.244	237	252886	156.596	ng/ul	96
51) 3-Nitroaniline	14.947	138	122302	159.822	ng/ul	90
53) 2,4-Dinitrophenol	15.147	184	95867	132.671	ng/ul#	38
55) 4-Nitrophenol	15.241	109	134928	187.661	ng/ul#	82
63) 4-Nitroaniline	16.123	138	117889	168.385	ng/ul#	61
66) 4,6-Dinitro-2-methylph...	16.164	198	127030	132.436	ng/ul#	86
70) Atrazine	17.221	200	250141	143.776	ng/ul	100
71) Pentachlorophenol	17.421	266	191492	165.262	ng/ul	93
77) Carbazole	18.179	167	979328	161.138	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.980	252	423499	136.181	ng/ul	99
89) Di-n-octyl phthalate	23.279	149	1243305	185.006	ng/ul	100

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