Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101923\
Data File : BG059490.D
Acq On : 19 Oct 2023 13:13
Operator : MA/JU
Sample : SSTD16060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD160432

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/20/2023
Supervised By :mohammad ahmed 10/20/2023

Quant Time: Oct 20 03:16:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 20 02:34:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.193	152	56430	20.000	ng/ul	0.01
20) Naphthalene-d8	11.037	136	201008	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.832	164	126801	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.582	188	298437	20.000	ng/ul	0.00
79) Chrysene-d12	21.883	240	252386	20.000	ng/ul	0.01
88) Perylene-d12	25.332	264	388177	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.910	84	793771	129.224	ng/ul	0.00
7) Phenol-d5	7.329	99	771442	137.192	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.517	67	414520	128.607	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.898	113	847642	174.977	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	11.190	131	855089	161.204	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	15.050	143	335149	165.928	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.961	200	332388	165.604	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	3.939	79	798532	125.487	ng/ul	98
6) Benzaldehyde	7.335	77	221699	87.572	ng/ul	99
8) Phenol	7.359	94	754806	135.764	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.617	93	922286	192.165	ng/ul	91
13) 2-Methylphenol	8.628	108	828031	175.233	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.710	45	1846465m	172.631	ng/ul	
16) Acetophenone	9.045	105	1122334	153.464	ng/ul	99
18) 4-Methylphenol	8.975	108	827515	161.999	ng/ul	99
32) 4-Chloroaniline	11.219	127	802305	159.415	ng/ul	91
34) Caprolactam	12.042	113	179011m	157.686	ng/ul	
40) Hexachlorocyclopentadiene	12.976	237	422606	177.452	ng/ul	98
51) 3-Nitroaniline	14.780	138	346152	150.072	ng/ul	79
53) 2,4-Dinitrophenol	14.973	184	248501	204.713	ng/ul	89
55) 4-Nitrophenol	15.067	109	234397	167.964	ng/ul	97
63) 4-Nitroaniline	15.955	138	298046	134.469	ng/ul#	74
66) 4,6-Dinitro-2-methylph...	15.972	198	341639	160.498	ng/ul#	83
70) Atrazine	17.030	200	491283	149.401	ng/ul	97
71) Pentachlorophenol	17.212	266	366367	172.553	ng/ul#	90
77) Carbazole	18.005	167	2333344	145.201	ng/ul#	95
84) 3,3'-Dichlorobenzidine	21.777	252	955715	141.146	ng/ul#	97
89) Di-n-octyl phthalate	22.970	149	3030834	129.232	ng/ul	100

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