Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058960.D
Acq On : 10 Sep 2023 20:55
Operator : MA/JU
Sample : SSTD16012
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD160412

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 10 23:32:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Sep 10 22:58:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	67433	20.000	ng/ul	0.00
20) Naphthalene-d8	11.173	136	313053	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.951	164	205195	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.707	188	457616	20.000	ng/ul	0.00
79) Chrysene-d12	22.037	240	430367	20.000	ng/ul	0.01
88) Perylene-d12	25.609	264	499948	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	4.070	84	797454	165.200	ng/ul	0.00
7) Phenol-d5	7.448	99	1111325	166.161	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.654	67	621813	164.343	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	9.028	113	842037	162.442	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	11.326	131	1023763	136.184	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	15.151	143	396512	189.470	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	16.067	200	381865	183.288	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	4.093	79	858702	168.987	ng/ul	93
6) Benzaldehyde	7.477	77	584730	148.320	ng/ul#	80
8) Phenol	7.483	94	1157977	166.024	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.754	93	816247	157.795	ng/ul	91
13) 2-Methylphenol	8.752	108	872930	167.151	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.852	45	991528	166.548	ng/ul	96
16) Acetophenone	9.187	105	1373031	148.554	ng/ul#	97
18) 4-Methylphenol	9.099	108	948930	166.048	ng/ul	99
32) 4-Chloroaniline	11.349	127	957748	134.325	ng/ul	99
34) Caprolactam	12.178	113	240021m	130.615	ng/ul	
40) Hexachlorocyclopentadiene	13.100	237	735576	133.488	ng/ul	99
51) 3-Nitroaniline	14.892	138	433759	188.315	ng/ul	93
53) 2,4-Dinitrophenol	15.080	184	291717	150.864	ng/ul	89
55) 4-Nitrophenol	15.168	109	489967	187.191	ng/ul	86
63) 4-Nitroaniline	16.067	138	373878m	174.449	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.085	198	413312	188.965	ng/ul#	91
70) Atrazine	17.143	200	612387	135.536	ng/ul	99
71) Pentachlorophenol	17.325	266	568918	144.462	ng/ul	100
77) Carbazole	18.118	167	2817402	163.649	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.925	252	1331173	141.609	ng/ul#	92
89) Di-n-octyl phthalate	23.194	149	3486935	223.333	ng/ul	100

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