Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059437.D
Acq On : 12 Oct 2023 15:44
Operator : MA/JU
Sample : SSTD16048
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 12 16:59:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 14:55:05 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD160411

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	37701	20.000	ng/ul	0.00
20) Naphthalene-d8	11.066	136	187009	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.862	164	117869	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.612	188	257749	20.000	ng/ul	0.00
79) Chrysene-d12	21.918	240	230680	20.000	ng/ul	0.00
88) Perylene-d12	25.397	264	268594	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	3.951	84	518270	197.485	ng/ul	0.00
7) Phenol-d5	7.359	99	707990	203.945	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.547	67	372489	185.510	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.928	113	532044	193.943	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	11.219	131	786716	189.915	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	15.074	143	300490	204.671	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.984	200	287409	210.600	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	3.969	79	521824	195.826	ng/ul	97
6) Benzaldehyde	7.365	77	179184	116.994	ng/ul	91
8) Phenol	7.388	94	692657	198.405	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.647	93	514143	192.103	ng/ul	97
13) 2-Methylphenol	8.658	108	521489	200.024	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.734	45	1053125	183.596	ng/ul#	97
16) Acetophenone	9.075	105	778355	188.963	ng/ul	98
18) 4-Methylphenol	9.004	108	560538	196.731	ng/ul	100
32) 4-Chloroaniline	11.243	127	746682	192.525	ng/ul	95
34) Caprolactam	12.071	113	157926m	167.005	ng/ul	
40) Hexachlorocyclopentadiene	12.999	237	401924	224.708	ng/ul	93
51) 3-Nitroaniline	14.803	138	295302	176.795	ng/ul	92
53) 2,4-Dinitrophenol	14.997	184	207377	180.476	ng/ul#	87
55) 4-Nitrophenol	15.097	109	213856	213.851	ng/ul	89
63) 4-Nitroaniline	15.984	138	269965	172.898	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.996	198	302966	208.520	ng/ul#	98
70) Atrazine	17.054	200	461106	185.472	ng/ul	95
71) Pentachlorophenol	17.236	266	334285	222.543	ng/ul	97
77) Carbazole	18.029	167	2155411	191.405	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.813	252	837493	167.399	ng/ul	99
89) Di-n-octyl phthalate	23.011	149	2638956	192.794	ng/ul	100

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