Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059343.D
Acq On : 7 Oct 2023 15:13
Operator : MA/JU
Sample : SSTD16042
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 07 15:52:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 15:22:41 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD160405

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	56744	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.075	136	289739	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.870	164	181638	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.620	188	417734	20.000	ng/ul	0.00
79) Chrysene-d12	21.927	240	359630	20.000	ng/ul	0.01
88) Perylene-d12	25.417	264	431021	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	3.965	84	660412	160.069	ng/ul	0.00
7) Phenol-d5	7.367	99	946257	167.380	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.561	67	509399	158.681	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.942	113	727737	167.959	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	11.233	131	1062440	151.633	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	15.088	143	411057	167.046	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.993	200	423717	165.484	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	3.983	79	668090	163.944	ng/ul	94
6) Benzaldehyde	7.379	77	256125	127.636	ng/ul	94
8) Phenol	7.397	94	925154	167.626	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.655	93	686093	159.297	ng/ul	95
13) 2-Methylphenol	8.666	108	683112	166.001	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.754	45	1399558	155.803	ng/ul	99
16) Acetophenone	9.089	105	1058514	159.209	ng/ul	94
18) 4-Methylphenol	9.012	108	755047	167.985	ng/ul	98
32) 4-Chloroaniline	11.257	127	1009123	150.256	ng/ul	98
34) Caprolactam	12.085	113	235874m	146.775	ng/ul	
40) Hexachlorocyclopentadiene	13.008	237	541054	171.901	ng/ul#	97
51) 3-Nitroaniline	14.812	138	408186	152.321	ng/ul	96
53) 2,4-Dinitrophenol	15.005	184	320038	206.266	ng/ul	98
55) 4-Nitrophenol	15.105	109	279919	165.645	ng/ul	93
63) 4-Nitroaniline	15.993	138	366819	158.915	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	16.010	198	439421	160.933	ng/ul#	94
70) Atrazine	17.062	200	660679	150.324	ng/ul	98
71) Pentachlorophenol	17.244	266	469449	173.206	ng/ul	96
77) Carbazole	18.037	167	2899005	151.413	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.821	252	1125718	133.807	ng/ul	94
89) Di-n-octyl phthalate	23.025	149	3782732	147.202	ng/ul	100

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