Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039456.D
Acq On : 18 Apr 2023 13:57
Operator : CG/JU
Sample : SSTD16050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 18 23:44:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 18 18:09:04 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD160011

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	259600	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	1138278	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	679358	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1429201	20.000	ng/ul	0.00
79) Chrysene-d12	21.450	240	1054735	20.000	ng/ul	0.01
88) Perylene-d12	23.821	264	971200	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	3.640	84	3205037	168.657	ng/ul	0.00
7) Phenol-d5	7.040	99	4046367	170.301	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.181	67	2463183	156.846	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.598	113	3141052	164.116	ng/ul	0.03
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	10.810	131	4159984	157.418	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	14.774	143	1558602	187.965	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.651	200	1608571	169.368	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	3.663	79	3281334	163.759	ng/ul	96
6) Benzaldehyde	6.981	77	1048921	103.331	ng/ul	99
8) Phenol	7.069	94	4115453	166.363	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.275	93	3233644	156.782	ng/ul	100
13) 2-Methylphenol	8.310	108	3143080	163.579	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	4298581m	150.033	ng/ul	
16) Acetophenone	8.686	105	4621892	147.019	ng/ul	96
18) 4-Methylphenol	8.669	108	3213127	154.890	ng/ul	99
32) 4-Chloroaniline	10.833	127	4082796	156.796	ng/ul	100
34) Caprolactam	11.698	113	1028614m	159.843	ng/ul	
40) Hexachlorocyclopentadiene	12.657	237	2273630	187.138	ng/ul	99
51) 3-Nitroaniline	14.439	138	1709731	166.264	ng/ul	97
53) 2,4-Dinitrophenol	14.645	184	1227024	210.108	ng/ul	94
55) 4-Nitrophenol	14.786	109	1194799	189.701	ng/ul	99
63) 4-Nitroaniline	15.621	138	1194916	154.491	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.668	198	1528097	167.351	ng/ul#	96
70) Atrazine	16.739	200	2325022	147.148	ng/ul	99
71) Pentachlorophenol	16.909	266	1734530	167.319	ng/ul	99
77) Carbazole	17.674	167	10692423	151.166	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.368	252	3143762	134.410	ng/ul	99
89) Di-n-octyl phthalate	22.268	149	13774648	141.161	ng/ul	100

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