Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101223\
Data File : BM042278.D
Acq On : 12 Oct 2023 14:13
Operator : MA/JU
Sample : SSTD16062
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD160025

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

Quant Time: Oct 12 15:36:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 15:19:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	140400	20.000	ng/ul	0.01
20) Naphthalene-d8	10.845	136	604666	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.663	164	348568	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.415	188	764284	20.000	ng/ul	0.00
79) Chrysene-d12	21.603	240	684743	20.000	ng/ul	0.00
88) Perylene-d12	24.086	264	725260	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	3.805	84	1967761	176.780	ng/ul	0.00
7) Phenol-d5	7.181	99	2404702	181.193	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.369	67	1499558	169.548	ng/ul	0.02
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.745	113	1875682	182.568	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	11.016	131	2447824	174.440	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	14.910	143	960029	225.821	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.810	200	911450	176.751	ng/ul	0.04
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	3.828	79	2032683	170.187	ng/ul	99
6) Benzaldehyde	7.181	77	648950	105.829	ng/ul	98
8) Phenol	7.210	94	2389918	172.757	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.463	93	1852490	164.346	ng/ul	97
13) 2-Methylphenol	8.469	108	1818996	175.746	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.534	45	3171896m	183.053	ng/ul	
16) Acetophenone	8.887	105	2577146	150.631	ng/ul	96
18) 4-Methylphenol	8.822	108	1947909	174.074	ng/ul	97
32) 4-Chloroaniline	11.045	127	2261158	162.138	ng/ul	98
34) Caprolactam	11.910	113	589582m	177.490	ng/ul	
40) Hexachlorocyclopentadiene	12.798	237	1412688	350.474	ng/ul	98
51) 3-Nitroaniline	14.627	138	951147	181.920	ng/ul	92
53) 2,4-Dinitrophenol	14.821	184	730960	249.518	ng/ul	91
55) 4-Nitrophenol	14.927	109	756933	219.106	ng/ul	94
63) 4-Nitroaniline	15.810	138	661925	154.995	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.821	198	923038	181.526	ng/ul#	85
70) Atrazine	16.886	200	1355944	161.203	ng/ul	95
71) Pentachlorophenol	17.051	266	1164007	226.005	ng/ul	98
77) Carbazole	17.845	167	6073242	149.762	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.527	252	2627000	157.257	ng/ul#	97
89) Di-n-octyl phthalate	22.415	149	8957317	148.560	ng/ul	100

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