Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020224\
Data File : BM043969.D
Acq On : 02 Feb 2024 16:17
Operator : MA/JU
Sample : SSTD16092
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD160011

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

Quant Time: Feb 02 21:50:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM020224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 02 15:20:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	280581	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	1202625	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	696618	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.321	188	1434032	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	1329714	20.000	ng/ul	0.00
88) Perylene-d12	23.933	264	1482292	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	3.763	84	4056327	183.828	ng/ul	0.00
7) Phenol-d5	7.093	99	4912195	177.946	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.263	67	2872964	166.597	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.645	113	3700009	170.493	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	10.875	131	5166832	166.092	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	14.792	143	2038731	184.388	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.698	200	1700765	179.101	ng/ul	0.02
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	3.781	79	4046343	178.531	ng/ul	97
6) Benzaldehyde	7.063	77	1363667	123.955	ng/ul	99
8) Phenol	7.122	94	4881476	174.463	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.357	93	3832741	171.211	ng/ul	99
13) 2-Methylphenol	8.369	108	3668037	173.194	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.451	45	5383975	147.210	ng/ul	100
16) Acetophenone	8.757	105	5521164	162.277	ng/ul	98
18) 4-Methylphenol	8.716	108	3905931	170.175	ng/ul	99
32) 4-Chloroaniline	10.898	127	5041153	166.576	ng/ul	100
34) Caprolactam	11.722	113	1174314m	172.189	ng/ul	
40) Hexachlorocyclopentadiene	12.722	237	2529053	183.381	ng/ul	98
51) 3-Nitroaniline	14.492	138	2052906	174.621	ng/ul	97
53) 2,4-Dinitrophenol	14.698	184	1293997	191.548	ng/ul	93
55) 4-Nitrophenol	14.810	109	1511566	177.230	ng/ul	97
63) 4-Nitroaniline	15.668	138	1791270m	184.994	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.716	198	1818210	176.717	ng/ul#	90
70) Atrazine	16.804	200	2548810	156.450	ng/ul	98
71) Pentachlorophenol	16.962	266	2200392	190.239	ng/ul	98
77) Carbazole	17.733	167	13254936	165.590	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.445	252	4528573	149.691	ng/ul	98
89) Di-n-octyl phthalate	22.392	149	15579866m	121.864	ng/ul	

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