Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122922\
Data File : BM038337.D
Acq On : 28 Dec 2022 20:11
Operator : CG/JU
Sample : SSTD16014
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 29 01:57:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM122922.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 29 01:45:50 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD160017

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2023
Supervised By :Yogesh Patel 01/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	82022	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	329133	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	211300	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	469739	20.000	ng/ul	0.00
79) Chrysene-d12	21.556	240	503226	20.000	ng/ul	0.00
88) Perylene-d12	23.991	264	536922	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	3.798	84	1065926	198.911	ng/ul	0.00
7) Phenol-d5	7.181	99	1198987	179.888	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.339	67	744449	183.427	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.739	113	953539	183.276	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	10.974	131	1359387	189.855	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	14.868	143	533965	207.984	ng/ul	0.02
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.768	200	640381	254.987	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	3.816	79	1070268	198.736	ng/ul	96
6) Benzaldehyde	7.145	77	309118	123.999	ng/ul	98
8) Phenol	7.210	94	1244318	186.144	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.439	93	975196	177.658	ng/ul	94
13) 2-Methylphenol	8.463	108	925964	181.010	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.545	45	1271666	128.298	ng/ul	99
16) Acetophenone	8.851	105	1662417	203.163	ng/ul	96
18) 4-Methylphenol	8.810	108	1011594	182.800	ng/ul	94
32) 4-Chloroaniline	10.998	127	1414418	198.093	ng/ul	98
34) Caprolactam	11.821	113	275546m	211.072	ng/ul	
40) Hexachlorocyclopentadiene	12.816	237	1089635	275.896	ng/ul	98
51) 3-Nitroaniline	14.568	138	509250	176.801	ng/ul	85
53) 2,4-Dinitrophenol	14.774	184	477627	337.157	ng/ul	96
55) 4-Nitrophenol	14.886	109	509009	300.637	ng/ul	92
63) 4-Nitroaniline	15.733	138	428516m	164.076	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.786	198	617348	253.916	ng/ul#	94
70) Atrazine	16.851	200	991040	204.667	ng/ul	99
71) Pentachlorophenol	17.033	266	748593	219.056	ng/ul	98
77) Carbazole	17.792	167	4247401	188.055	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.468	252	1694363	170.153	ng/ul	98
89) Di-n-octyl phthalate	22.380	149	6149066	178.733	ng/ul	100

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