Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042709.D
Acq On : 13 Nov 2023 15:38
Operator : MA/JU
Sample : SSTD16068
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 13 16:53:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 16:28:11 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD160032

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

11/14/2023
Supervised By :mohammad ahmed

11/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	33033	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	140688	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	92199	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	201229	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	224199	20.000	ng/ul	0.00
88) Perylene-d12	23.809	264	235237	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	3.616	84	462946	176.788	ng/ul	-0.01
7) Phenol-d5	7.016	99	590104	183.551	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.192	67	382499	169.317	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.575	113	451329	178.295	ng/ul	0.01
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	10.833	131	609097	178.800	ng/ul	0.00
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	14.768	143	235885	239.268	ng/ul	0.02
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.657	200	305240	200.255	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	3.640	79	478131	167.912	ng/ul	98
6) Benzaldehyde	7.004	77	226654	122.878	ng/ul	97
8) Phenol	7.045	94	574678	179.706	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.287	93	449149	170.033	ng/ul	96
13) 2-Methylphenol	8.298	108	437298	183.379	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.357	45	775840m	161.004	ng/ul	
16) Acetophenone	8.704	105	772760	181.551	ng/ul	99
18) 4-Methylphenol	8.651	108	456205	175.960	ng/ul	99
32) 4-Chloroaniline	10.863	127	591284	180.921	ng/ul	96
34) Caprolactam	11.733	113	118367m	157.165	ng/ul	
40) Hexachlorocyclopentadiene	12.616	237	410849	239.997	ng/ul	95
51) 3-Nitroaniline	14.469	138	235813	180.606	ng/ul	96
53) 2,4-Dinitrophenol	14.674	184	186131	234.442	ng/ul	95
55) 4-Nitrophenol	14.780	109	324584	265.187	ng/ul	95
63) 4-Nitroaniline	15.651	138	199795	173.548	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.668	198	305849	197.092	ng/ul	97
70) Atrazine	16.727	200	392897	161.616	ng/ul	98
71) Pentachlorophenol	16.886	266	364750	193.444	ng/ul	100
77) Carbazole	17.686	167	1908536	182.790	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.368	252	901911	157.181	ng/ul	100
89) Di-n-octyl phthalate	22.221	149	3436740	180.863	ng/ul	100

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

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