Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053124\
Data File : BM045794.D
Acq On : 31 May 2024 12:23
Operator : MA/JU
Sample : SSTD16017
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 31 12:57:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 11:12:53 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD160039

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.469	152	293830	20.000	ng/ul	0.00
20) Naphthalene-d8	10.234	136	1164519	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.110	164	647086	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.857	188	1258107	20.000	ng/ul	0.00
79) Chrysene-d12	21.080	240	964524	20.000	ng/ul	0.01
88) Perylene-d12	23.797	264	1104849	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	3.452	84	3364915	174.362	ng/ul	-0.02
7) Phenol-d5	6.734	99	3916781	155.952	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.834	67	2633036	144.391	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.251	113	2912404	153.500	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	10.416	131	3594120	150.172	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	14.433	143	1573960	166.913	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.268	200	1178156	183.851	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	3.469	79	3298047	164.961	ng/ul	96
6) Benzaldehyde	6.640	77	1415820	115.243	ng/ul	100
8) Phenol	6.763	94	3962673	151.987	ng/ul	100
10) Bis(2-Chloroethyl)ether	6.928	93	3228724	147.018	ng/ul	100
13) 2-Methylphenol	7.969	108	2959692	154.466	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.010	45	6116235	142.271	ng/ul	99
16) Acetophenone	8.310	105	4342648	137.971	ng/ul	96
18) 4-Methylphenol	8.310	108	2764025	139.775	ng/ul	98
32) 4-Chloroaniline	10.439	127	3424239	146.985	ng/ul	97
34) Caprolactam	11.292	113	812987m	173.120	ng/ul	
40) Hexachlorocyclopentadiene	12.263	237	1995845	167.616	ng/ul	98
51) 3-Nitroaniline	14.074	138	1322340	165.635	ng/ul	95
53) 2,4-Dinitrophenol	14.263	184	883392	249.461	ng/ul	95
55) 4-Nitrophenol	14.445	109	1271413	165.336	ng/ul	96
63) 4-Nitroaniline	15.263	138	1061358	161.569	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.280	198	1228904	176.344	ng/ul	97
70) Atrazine	16.380	200	1557152	145.277	ng/ul	99
71) Pentachlorophenol	16.533	266	1396448	194.215	ng/ul	98
77) Carbazole	17.286	167	8364601	148.326	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.009	252	2890272	152.566	ng/ul	99
89) Di-n-octyl phthalate	22.045	149	13479244	159.332	ng/ul	100

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