Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031425\
Data File : BM049723.D
Acq On : 14 Mar 2025 14:03
Operator : RC/JU
Sample : SSTD16089
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 14 14:59:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 14 14:07:56 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD160032

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 03/14/2025
Supervised By :Jagrut Upadhyay 03/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	510585	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	2009527	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.445	164	1436864	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	2641274	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	2170698	20.000	ng/ul	0.00
88) Perylene-d12	24.444	264	1749230	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	3.658	84	6020086	151.987	ng/ul	0.00
7) Phenol-d5	6.987	99	7006807	167.845	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.140	67	3937081	143.814	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.534	113	5295982	166.798	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	10.745	131	7022903	151.811	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	14.680	143	2822261	151.485	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.574	200	3255176	207.682	ng/ul	0.03
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.675	79	5851931	145.655	ng/ul	93
6) Benzaldehyde	6.940	77	1885421	80.315	ng/ul	96
8) Phenol	7.022	94	6987411	160.615	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.240	93	5311071	151.323	ng/ul	95
13) 2-Methylphenol	8.257	108	5232735	169.210	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.328	45	6202385	130.622	ng/ul	97
16) Acetophenone	8.640	105	7804859	145.941	ng/ul#	92
18) 4-Methylphenol	8.610	108	5596869	164.688	ng/ul	100
32) 4-Chloroaniline	10.769	127	6471844	145.506	ng/ul	100
34) Caprolactam	11.610	113	1556875m	153.529	ng/ul	
40) Hexachlorocyclopentadiene	12.622	237	5645694	180.707	ng/ul	99
51) 3-Nitroaniline	14.363	138	2691926	135.982	ng/ul	91
53) 2,4-Dinitrophenol	14.563	184	2420181	220.248	ng/ul#	86
55) 4-Nitrophenol	14.698	109	1899620	124.533	ng/ul	90
63) 4-Nitroaniline	15.539	138	2030571	102.723	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.592	198	3470042	198.272	ng/ul#	89
70) Atrazine	16.668	200	4599676	145.049	ng/ul	97
71) Pentachlorophenol	16.845	266	4448807	204.913	ng/ul	97
77) Carbazole	17.586	167	16300287m	115.073	ng/ul	
84) 3,3'-Dichlorobenzidine	21.333	252	7181235	159.326	ng/ul#	99
89) Di-n-octyl phthalate	22.480	149	16761966	145.520	ng/ul	100

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