Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021425\
Data File : BM049661.D
Acq On : 14 Feb 2025 15:33
Operator : RC/JU
Sample : SSTD16083
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD160025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/18/2025
Supervised By :Jagrut Upadhyay 02/18/2025

Quant Time: Feb 18 12:06:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM021425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 18 11:46:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	271424	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	1029681	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	679493	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	1368631	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	1758865	20.000	ng/ul	0.01
88) Perylene-d12	24.450	264	1482254	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	3.663	84	3510048	166.236	ng/ul	0.00
7) Phenol-d5	6.993	99	3861477	174.891	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.151	67	2342808	160.058	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.540	113	2891764	173.948	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	10.751	131	3965720	168.846	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	14.674	143	1603070	182.747	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.574	200	1743291	220.015	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	3.687	79	3450025	160.325	ng/ul	93
6) Benzaldehyde	6.951	77	1198876	95.906	ng/ul	99
8) Phenol	7.022	94	3956947	171.483	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.245	93	3031383	163.774	ng/ul	96
13) 2-Methylphenol	8.263	108	2861850	176.552	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.340	45	4048723	158.092	ng/ul	98
16) Acetophenone	8.645	105	4598740	164.251	ng/ul	96
18) 4-Methylphenol	8.610	108	3096754	173.834	ng/ul	100
32) 4-Chloroaniline	10.775	127	3755240	165.646	ng/ul	100
34) Caprolactam	11.586	113	875977m	172.305	ng/ul	
40) Hexachlorocyclopentadiene	12.633	237	2786473	188.424	ng/ul	97
51) 3-Nitroaniline	14.363	138	1556132	165.924	ng/ul	93
53) 2,4-Dinitrophenol	14.563	184	1136241	225.750	ng/ul	90
55) 4-Nitrophenol	14.692	109	1233791	169.086	ng/ul	94
63) 4-Nitroaniline	15.533	138	1322214	139.435	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.586	198	1903702	213.971	ng/ul#	92
70) Atrazine	16.668	200	2865765	174.588	ng/ul	97
71) Pentachlorophenol	16.851	266	2395262	216.432	ng/ul	100
77) Carbazole	17.598	167	12702422	172.027	ng/ul#	92
84) 3,3'-Dichlorobenzidine	21.339	252	6048084	165.874	ng/ul#	96
89) Di-n-octyl phthalate	22.486	149	15783902	162.756	ng/ul	100

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