Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049468.D
Acq On : 28 Jan 2025 14:08
Operator : RC/JU
Sample : SSTD16077
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD160018

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :mohammad ahmed 02/05/2025

Quant Time: Jan 28 14:44:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 13:51:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	205961	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	751810	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	482169	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	976939	20.000	ng/ul	0.00
79) Chrysene-d12	21.145	240	1031234	20.000	ng/ul	0.01
88) Perylene-d12	23.921	264	996517	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	3.505	84	2609261	163.344	ng/ul	0.00
7) Phenol-d5	6.722	99	2811511	163.018	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.869	67	1785315	154.883	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.246	113	2084965	158.458	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	10.428	131	2767665	161.923	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	14.404	143	1071727	182.557	ng/ul	0.02
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.298	200	1119054	179.442	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	3.528	79	2597900	159.407	ng/ul	96
6) Benzaldehyde	6.675	77	875576	93.277	ng/ul	99
8) Phenol	6.752	94	2881185	160.009	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.963	93	2276226	155.541	ng/ul	95
13) 2-Methylphenol	7.969	108	2080578	160.409	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.040	45	3367603	152.898	ng/ul	98
16) Acetophenone	8.340	105	3196857	148.519	ng/ul	96
18) 4-Methylphenol	8.316	108	2249877	158.712	ng/ul	94
32) 4-Chloroaniline	10.451	127	2639325	161.916	ng/ul	99
34) Caprolactam	11.269	113	623142m	165.671	ng/ul	
40) Hexachlorocyclopentadiene	12.310	237	1730894	167.683	ng/ul	100
51) 3-Nitroaniline	14.086	138	1079677	168.201	ng/ul	93
53) 2,4-Dinitrophenol	14.292	184	827554	203.197	ng/ul	90
55) 4-Nitrophenol	14.422	109	751732	173.500	ng/ul	96
63) 4-Nitroaniline	15.263	138	863170m	149.908	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.316	198	1182319	173.611	ng/ul#	96
70) Atrazine	16.410	200	1799549	151.865	ng/ul	95
71) Pentachlorophenol	16.569	266	1479530	174.413	ng/ul	100
77) Carbazole	17.322	167	7836718	160.944	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.062	252	2905701	149.021	ng/ul	98
89) Di-n-octyl phthalate	22.139	149	10976995	157.938	ng/ul	100

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