Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112425\
Data File : BG064853.D
Acq On : 24 Nov 2025 17:27
Operator : RC/JU
Sample : SSTD16024
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 25 10:17:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 25 09:55:47 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD160424

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	38773	20.000	ng/ul	0.00
20) Naphthalene-d8	10.978	136	156800	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.773	164	133627	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.500	188	312982	20.000	ng/ul	0.00
79) Chrysene-d12	21.759	240	366092	20.000	ng/ul	0.01
88) Perylene-d12	25.008	264	417781	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	3.910	84	394134	172.133	ng/ul	0.00
7) Phenol-d5	7.312	99	514880	161.861	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.476	67	317733	182.811	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.869	113	446403	155.861	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	11.107	131	613455	161.677	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	14.967	143	271577	151.412	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.878	200	376513	174.872	ng/ul	0.03
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	3.933	79	427223	178.294	ng/ul	97
6) Benzaldehyde	7.282	77	105857	70.159	ng/ul	98
8) Phenol	7.341	94	539928	165.268	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.570	93	384920	167.234	ng/ul	98
13) 2-Methylphenol	8.598	108	416395	155.157	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.686	45	773763	176.727	ng/ul	99
16) Acetophenone	8.992	105	703249	153.623	ng/ul	99
18) 4-Methylphenol	8.945	108	463126	158.452	ng/ul	88
32) 4-Chloroaniline	11.131	127	616372	164.089	ng/ul	96
34) Caprolactam	11.936	113	148442m	146.422	ng/ul	
40) Hexachlorocyclopentadiene	12.970	237	622853	202.067	ng/ul	93
51) 3-Nitroaniline	14.674	138	240710	134.277	ng/ul	96
53) 2,4-Dinitrophenol	14.873	184	258896	194.472	ng/ul#	92
55) 4-Nitrophenol	14.985	109	262689	116.254	ng/ul	93
63) 4-Nitroaniline	15.843	138	227634	124.164	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.896	198	362719	167.170	ng/ul#	94
70) Atrazine	16.959	200	626067	150.003	ng/ul	99
71) Pentachlorophenol	17.153	266	521564	195.277	ng/ul	97
77) Carbazole	17.899	167	2143613	143.421	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.642	252	1030517	132.494	ng/ul	99
89) Di-n-octyl phthalate	22.852	149	2850786	124.722	ng/ul	100

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