Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091125\
Data File : BG064351.D
Acq On : 11 Sep 2025 17:49
Operator : RC/JU
Sample : SSTD16018
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 12 11:00:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 10:45:34 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD160417

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	21395	20.000	ng/ul	0.00
20) Naphthalene-d8	10.637	136	98885	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.480	164	78972	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.218	188	183010	20.000	ng/ul	0.00
79) Chrysene-d12	21.454	240	202463	20.000	ng/ul	0.02
88) Perylene-d12	24.456	264	217739	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	3.722	84	196317	138.112	ng/ul	0.00
7) Phenol-d5	7.030	99	295456	161.390	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.188	67	143001	127.071	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.569	113	266949	171.269	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	10.784	131	388647	179.949	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	14.709	143	176210	170.257	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.614	200	222963	212.871	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	3.739	79	200991	135.638	ng/ul	94
6) Benzaldehyde	6.989	77	64076	61.831	ng/ul	93
8) Phenol	7.059	94	294024	154.984	ng/ul#	82
10) Bis(2-Chloroethyl)ether	7.282	93	191582	136.176	ng/ul	96
13) 2-Methylphenol	8.299	108	240208	162.222	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	355411	110.599	ng/ul#	94
16) Acetophenone	8.681	105	411180	163.117	ng/ul	94
18) 4-Methylphenol	8.645	108	269077	164.428	ng/ul	96
32) 4-Chloroaniline	10.808	127	386035	183.414	ng/ul	97
34) Caprolactam	11.618	113	98232m	166.106	ng/ul	
40) Hexachlorocyclopentadiene	12.653	237	311969	231.408	ng/ul	99
51) 3-Nitroaniline	14.392	138	148186	135.290	ng/ul	95
53) 2,4-Dinitrophenol	14.597	184	151675	244.611	ng/ul	96
55) 4-Nitrophenol	14.727	109	237003	194.301	ng/ul	96
63) 4-Nitroaniline	15.573	138	151584	132.559	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.626	198	223600	203.188	ng/ul	93
70) Atrazine	16.701	200	368394	173.094	ng/ul	96
71) Pentachlorophenol	16.877	266	266023	196.692	ng/ul	96
77) Carbazole	17.629	167	1340697	152.471	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.354	252	526183	133.442	ng/ul	98
89) Di-n-octyl phthalate	22.494	149	1828536	133.830	ng/ul	100

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