Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021425\
Data File : BG064029.D
Acq On : 14 Feb 2025 11:59
Operator : RC/JU
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 18 15:50:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 14 12:34:43 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD160403

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/18/2025
Supervised By :Jagrut Upadhyay 02/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	35849	20.000	ng/ul	0.00
20) Naphthalene-d8	10.659	136	192846	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.495	164	158796	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	368138	20.000	ng/ul	0.01
79) Chrysene-d12	21.481	240	287416	20.000	ng/ul	0.02
88) Perylene-d12	24.507	264	315570	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.737	84	438260	148.083	ng/ul	0.00
7) Phenol-d5	7.033	99	558262	172.321	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.204	67	341354	157.200	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.579	113	496168	179.867	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	10.800	131	747143	164.258	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	14.718	143	334232	177.536	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.623	200	281085	213.891	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	3.761	79	451001	147.937	ng/ul	96
6) Benzaldehyde	7.004	77	175318	91.691	ng/ul	97
8) Phenol	7.063	94	583609	168.231	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.298	93	420638	154.818	ng/ul	95
13) 2-Methylphenol	8.308	108	457739	173.794	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.391	45	1037671	159.100	ng/ul	99
16) Acetophenone	8.696	105	779512	167.713	ng/ul	93
18) 4-Methylphenol	8.655	108	522556	178.935	ng/ul	96
32) 4-Chloroaniline	10.823	127	721714	162.833	ng/ul	99
34) Caprolactam	11.628	113	219852m	180.077	ng/ul	
40) Hexachlorocyclopentadiene	12.674	237	311260	160.616	ng/ul	93
51) 3-Nitroaniline	14.407	138	323670	164.473	ng/ul	96
53) 2,4-Dinitrophenol	14.613	184	194140	239.545	ng/ul#	87
55) 4-Nitrophenol	14.736	109	344919	183.589	ng/ul	93
63) 4-Nitroaniline	15.594	138	313665	151.020	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.641	198	310086	209.424	ng/ul#	98
70) Atrazine	16.722	200	543739	131.880	ng/ul	97
71) Pentachlorophenol	16.892	266	409672	186.501	ng/ul	93
77) Carbazole	17.644	167	2342919	132.435	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.381	252	670262	124.335	ng/ul	97
89) Di-n-octyl phthalate	22.550	149	2723538	169.089	ng/ul	100

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