Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102723\
Data File : BG059512.D
Acq On : 27 Oct 2023 15:26
Operator : MA/JU
Sample : SSTD16066
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD160439

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 28 03:55:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 27 15:34:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.363	152	89637	20.000	ng/ul	0.00
20) Naphthalene-d8	11.219	136	406919	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.997	164	246686	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.747	188	522706m	20.000	ng/ul	0.00
79) Chrysene-d12	22.100	240	408959	20.000	ng/ul	0.02
88) Perylene-d12	25.714	264	447502	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	4.092	84	990868	145.281	ng/ul	0.00
7) Phenol-d5	7.482	99	1424610	153.382	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.694	67	642244	149.880	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	9.063	113	1150873	156.869	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	11.366	131	1618478	147.980	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	15.185	143	622955	163.191	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	16.113	200	446952	186.553	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	4.115	79	996478	148.779	ng/ul	91
6) Benzaldehyde	7.512	77	435986	96.781	ng/ul	98
8) Phenol	7.512	94	1327607	151.202	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.788	93	967401	150.019	ng/ul	98
13) 2-Methylphenol	8.787	108	1086192	147.747	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.881	45	852168	138.352	ng/ul#	94
16) Acetophenone	9.227	105	1660838	140.698	ng/ul	98
18) 4-Methylphenol	9.139	108	1159107	148.283	ng/ul	92
32) 4-Chloroaniline	11.389	127	1542507	148.588	ng/ul	90
34) Caprolactam	12.218	113	350505m	153.354	ng/ul	
40) Hexachlorocyclopentadiene	13.146	237	691214	168.403	ng/ul#	95
51) 3-Nitroaniline	14.926	138	638242	152.236	ng/ul#	85
53) 2,4-Dinitrophenol	15.120	184	349601	192.147	ng/ul#	74
55) 4-Nitrophenol	15.203	109	742299	181.364	ng/ul	91
63) 4-Nitroaniline	16.107	138	609996m	136.022	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.125	198	490639	196.696	ng/ul#	77
70) Atrazine	17.194	200	816047	144.612	ng/ul	91
71) Pentachlorophenol	17.371	266	595245	176.913	ng/ul	89
77) Carbazole	18.164	167	4061801	133.188	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.983	252	1414911	127.667	ng/ul	96
89) Di-n-octyl phthalate	23.287	149	5625344	139.985	ng/ul	100

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