Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092723\
Data File : BG059222.D
Acq On : 27 Sep 2023 22:18
Operator : MA/JU
Sample : SSTD16036
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD160440

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/29/2023

Quant Time: Sep 28 04:22:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 03:42:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	50968	20.000	ng/ul	0.00
20) Naphthalene-d8	11.079	136	250936	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.869	164	150016	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.625	188	337860	20.000	ng/ul	0.00
79) Chrysene-d12	21.931	240	291145	20.000	ng/ul	0.01
88) Perylene-d12	25.421	264	336897	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	3.964	84	621606	159.861	ng/ul	0.00
7) Phenol-d5	7.372	99	864701	172.393	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.560	67	500845	161.638	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.947	113	643395	162.367	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	11.232	131	934409	163.380	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	15.086	143	332516	161.693	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.991	200	314232	166.515	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	3.988	79	637168	164.014	ng/ul	93
6) Benzaldehyde	7.384	77	179676	70.439	ng/ul	97
8) Phenol	7.401	94	834706	163.137	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.660	93	652132	158.804	ng/ul	92
13) 2-Methylphenol	8.670	108	619166	162.773	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.759	45	1371250m	157.642	ng/ul	
16) Acetophenone	9.093	105	937606	152.923	ng/ul	98
18) 4-Methylphenol	9.017	108	657077	161.142	ng/ul	90
32) 4-Chloroaniline	11.262	127	889984	157.858	ng/ul	96
34) Caprolactam	12.090	113	197056m	150.268	ng/ul	
40) Hexachlorocyclopentadiene	13.012	237	483906	172.396	ng/ul	97
51) 3-Nitroaniline	14.810	138	306853	133.067	ng/ul#	97
53) 2,4-Dinitrophenol	15.004	184	227174	181.257	ng/ul#	87
55) 4-Nitrophenol	15.104	109	232342	168.462	ng/ul	93
63) 4-Nitroaniline	15.991	138	262191m	120.016	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.009	198	333256	166.092	ng/ul#	84
70) Atrazine	17.066	200	535164	154.799	ng/ul	97
71) Pentachlorophenol	17.249	266	371792	157.203	ng/ul	92
77) Carbazole	18.042	167	2352925	148.852	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.826	252	892017	128.551	ng/ul	99
89) Di-n-octyl phthalate	23.042	149	3168402	157.075	ng/ul	100

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