Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091523\
Data File : BG059073.D
Acq On : 15 Sep 2023 17:10
Operator : MA/JU
Sample : SSTD16024
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD160426

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/18/2023
Supervised By :mohammad ahmed 09/18/2023

Quant Time: Sep 16 00:30:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 16 00:10:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.297	152	52979	20.000	ng/ul	0.00
20) Naphthalene-d8	11.146	136	262684	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.930	164	174153	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.686	188	356723	20.000	ng/ul	0.00
79) Chrysene-d12	22.016	240	289034	20.000	ng/ul	0.02
88) Perylene-d12	25.577	264	348288	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	4.037	84	638738	181.659	ng/ul	0.00
7) Phenol-d5	7.421	99	837785	152.463	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.627	67	492460	155.622	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.996	113	669449	151.398	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	11.299	131	983089	156.529	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	15.136	143	398016	163.262	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	16.052	200	348708	167.379	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	4.061	79	641255	175.779	ng/ul	93
6) Benzaldehyde	7.445	77	268473	88.763	ng/ul	84
8) Phenol	7.451	94	844321	143.437	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.721	93	628729	153.078	ng/ul	96
13) 2-Methylphenol	8.726	108	688570	150.838	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.814	45	1354239	236.260	ng/ul	98
16) Acetophenone	9.155	105	1060837	142.890	ng/ul	96
18) 4-Methylphenol	9.072	108	761521	151.300	ng/ul	96
32) 4-Chloroaniline	11.323	127	949895	157.023	ng/ul	95
34) Caprolactam	12.157	113	224360m	135.834	ng/ul	
40) Hexachlorocyclopentadiene	13.074	237	465276	123.536	ng/ul	96
51) 3-Nitroaniline	14.872	138	389340	150.858	ng/ul	99
53) 2,4-Dinitrophenol	15.065	184	273166	160.695	ng/ul	93
55) 4-Nitrophenol	15.154	109	290753	102.990	ng/ul	91
63) 4-Nitroaniline	16.052	138	342285m	141.229	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.064	198	364816	162.025	ng/ul#	98
70) Atrazine	17.128	200	526315	135.991	ng/ul	98
71) Pentachlorophenol	17.310	266	405160	143.787	ng/ul	96
77) Carbazole	18.103	167	2599612	165.742	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.904	252	875468	132.402	ng/ul	97
89) Di-n-octyl phthalate	23.156	149	3556172	194.402	ng/ul	100

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