Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020123\
Data File : BN023893.D
Acq On : 01 Feb 2023 16:48
Operator : CG/JU
Sample : SSTD16064
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 02 01:18:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 02 01:11:49 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD160229

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2023
Supervised By :Yogesh Patel 02/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	158045	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	634011	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	376911	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188	755356	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	541542	20.000	ng/ul	0.01
88) Perylene-d12	23.862	264	596692	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	3.664	84	1740967	159.122	ng/ul	0.00
7) Phenol-d5	7.052	99	2236571	162.053	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.204	67	1330479	152.539	ng/ul	0.02
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.599	113	1738876	158.827	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	10.828	131	2240679	150.286	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	14.757	143	844028	154.708	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.657	200	902181	168.787	ng/ul	0.04
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	3.687	79	1724076	156.822	ng/ul	96
6) Benzaldehyde	6.999	77	822803	137.105	ng/ul	95
8) Phenol	7.081	94	2217105	159.798	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.299	93	1754583	155.221	ng/ul	97
13) 2-Methylphenol	8.322	108	1673993	159.018	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.404	45	2117820	144.861	ng/ul	97
16) Acetophenone	8.710	105	2521596	148.714	ng/ul	99
18) 4-Methylphenol	8.681	108	1748519	153.341	ng/ul	99
32) 4-Chloroaniline	10.857	127	2197830	148.116	ng/ul	99
34) Caprolactam	11.704	113	503073m	153.774	ng/ul	
40) Hexachlorocyclopentadiene	12.681	237	1622643	174.032	ng/ul	99
51) 3-Nitroaniline	14.445	138	833032	156.297	ng/ul	94
53) 2,4-Dinitrophenol	14.651	184	717451	172.370	ng/ul	98
55) 4-Nitrophenol	14.775	109	703813	151.753	ng/ul	99
63) 4-Nitroaniline	15.628	138	735474m	160.380	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.675	198	840659	163.352	ng/ul#	93
70) Atrazine	16.745	200	1310722	149.567	ng/ul	97
71) Pentachlorophenol	16.916	266	1047188	160.026	ng/ul	97
77) Carbazole	17.680	167	5195905	146.236	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.380	252	1888816	148.503	ng/ul	92
89) Di-n-octyl phthalate	22.292	149	6480514	144.365	ng/ul	100

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