Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052124\
Data File : BN031600.D
Acq On : 21 May 2024 16:37
Operator : MA/JU
Sample : SSTD16067
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD160201

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 21 17:09:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:52:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	490020	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	1834977	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.334	164	1000628	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.081	188	1913452	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	1575880	20.000	ng/ul	0.01
88) Perylene-d12	24.251	264	1972451	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	3.605	84	4991742	141.307	ng/ul	0.00
7) Phenol-d5	6.875	99	5863758	142.117	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.046	67	3392866	136.039	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.410	113	4376635	135.939	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	10.628	131	5365537	139.955	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	14.557	143	2042773	174.261	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.463	200	1595697	203.336	ng/ul	0.02
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	3.622	79	4878489	140.103	ng/ul	99
6) Benzaldehyde	6.846	77	2161619	95.701	ng/ul	97
8) Phenol	6.899	94	5805381	135.797	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.134	93	4854036	137.045	ng/ul	98
13) 2-Methylphenol	8.140	108	4400790	137.770	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.222	45	5412624	131.320	ng/ul	98
16) Acetophenone	8.528	105	6238619	121.997	ng/ul	98
18) 4-Methylphenol	8.487	108	4517493	132.103	ng/ul	99
32) 4-Chloroaniline	10.652	127	5169813	137.821	ng/ul	99
34) Caprolactam	11.463	113	1354543m	163.391	ng/ul	
40) Hexachlorocyclopentadiene	12.493	237	2786757	165.235	ng/ul	98
51) 3-Nitroaniline	14.257	138	2222773	159.610	ng/ul#	95
53) 2,4-Dinitrophenol	14.457	184	1217384	236.975	ng/ul	97
55) 4-Nitrophenol	14.569	109	1509076	169.946	ng/ul	95
63) 4-Nitroaniline	15.428	138	1959649	156.239	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.475	198	1680816	192.881	ng/ul#	94
70) Atrazine	16.557	200	2211306	142.717	ng/ul	98
71) Pentachlorophenol	16.728	266	1990015	169.861	ng/ul	90
77) Carbazole	17.486	167	12312837	145.392	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.222	252	4341519	139.631	ng/ul	96
89) Di-n-octyl phthalate	22.345	149	16833825	146.871	ng/ul	100

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