Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032024\
Data File : BN030437.D
Acq On : 20 Mar 2024 19:47
Operator : MA/JU
Sample : SSTD16025
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD160202

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 21 00:29:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 21 00:01:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	454868	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	2043007	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.375	164	1219547	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	2527868	20.000	ng/ul	0.01
79) Chrysene-d12	21.374	240	1599381	20.000	ng/ul	0.01
88) Perylene-d12	24.345	264	1591561	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	3.622	84	5863713	182.243	ng/ul	0.00
7) Phenol-d5	6.910	99	7387777	183.056	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.087	67	4231455	184.652	ng/ul	0.02
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.452	113	5781283	181.750	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	10.669	131	7435389	157.167	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	14.610	143	3044797	174.646	ng/ul	0.05
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.516	200	2391799	151.485	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	3.640	79	5809682	177.481	ng/ul	96
6) Benzaldehyde	6.881	77	2255976m	119.936	ng/ul	
8) Phenol	6.940	94	7306792	181.948	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.181	93	5720653	178.240	ng/ul	97
13) 2-Methylphenol	8.181	108	5508977	182.968	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.263	45	7456200	255.505	ng/ul	98
16) Acetophenone	8.575	105	8106757	158.563	ng/ul	99
18) 4-Methylphenol	8.534	108	6047605	190.088	ng/ul	97
32) 4-Chloroaniline	10.698	127	6951253	151.068	ng/ul	99
34) Caprolactam	11.540	113	1964966m	206.121	ng/ul	
40) Hexachlorocyclopentadiene	12.540	237	3497964	121.263	ng/ul	96
51) 3-Nitroaniline	14.304	138	3150911	166.619	ng/ul#	96
53) 2,4-Dinitrophenol	14.504	184	1837778	169.473	ng/ul	93
55) 4-Nitrophenol	14.628	109	2199004	111.254	ng/ul	99
63) 4-Nitroaniline	15.492	138	2748335	156.971	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.534	198	2645770	155.297	ng/ul#	96
70) Atrazine	16.622	200	3391502	123.557	ng/ul	96
71) Pentachlorophenol	16.775	266	3216427	160.255	ng/ul	99
77) Carbazole	17.533	167	16517684	124.026	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.286	252	5459269	157.068	ng/ul	98
89) Di-n-octyl phthalate	22.445	149	18137509	121.742	ng/ul	100

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