Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030824\
Data File : BN030354.D
Acq On : 08 Mar 2024 13:27
Operator : MA/JU
Sample : SSTD16019
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD160244

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024

Quant Time: Mar 08 14:56:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 12:19:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	112812	20.000	ng/ul	0.00
20) Naphthalene-d8	10.599	136	453100	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	243501	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	467807	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	358330	20.000	ng/ul	0.01
88) Perylene-d12	23.798	264	427964	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	3.675	84	1433593	160.152	ng/ul	0.00
7) Phenol-d5	6.987	99	1678361	158.218	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.158	67	919671	134.423	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.534	113	1344217	168.203	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	10.757	131	1686124	159.465	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	14.704	143	602237	169.933	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.610	200	546047	221.602	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	3.699	79	1436689	155.878	ng/ul	98
6) Benzaldehyde	6.952	77	502591	106.024	ng/ul	98
8) Phenol	7.016	94	1637887	151.396	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.252	93	1313682	146.999	ng/ul	99
13) 2-Methylphenol	8.258	108	1285959	163.850	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.334	45	1139790	103.168	ng/ul	97
16) Acetophenone	8.652	105	2060584	161.269	ng/ul	97
18) 4-Methylphenol	8.610	108	1318350	158.252	ng/ul	95
32) 4-Chloroaniline	10.781	127	1616787	154.535	ng/ul	96
34) Caprolactam	11.628	113	349732m	160.500	ng/ul	
40) Hexachlorocyclopentadiene	12.604	237	1071749	221.692	ng/ul	96
51) 3-Nitroaniline	14.398	138	640427	162.240	ng/ul	95
53) 2,4-Dinitrophenol	14.604	184	442889	245.657	ng/ul	98
55) 4-Nitrophenol	14.716	109	692163	204.495	ng/ul	97
63) 4-Nitroaniline	15.575	138	521039m	143.853	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.622	198	577221	215.734	ng/ul	99
70) Atrazine	16.710	200	786042	163.394	ng/ul	94
71) Pentachlorophenol	16.869	266	662481	213.127	ng/ul	94
77) Carbazole	17.639	167	3975998	157.372	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.369	252	1276292	176.616	ng/ul	98
89) Di-n-octyl phthalate	22.304	149	6503128	177.477	ng/ul	100

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