Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010523\
Data File : BN023558.D
Acq On : 04 Jan 2023 18:30
Operator : CG/JU
Sample : SSTD16058
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD160222

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/05/2023
Supervised By :mohammad ahmed 01/06/2023

Quant Time: Jan 05 02:38:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 02:34:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	165814	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	724632	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	443186	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.357	188	993441	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	792977	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	876000	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	3.728	84	1932735	163.368	ng/ul	0.00
7) Phenol-d5	7.128	99	2475522	160.522	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.293	67	1406831	156.760	ng/ul	0.02
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.687	113	1945250	157.103	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	10.922	131	2703788	150.948	ng/ul	0.01
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	14.845	143	1139834	153.663	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.745	200	1050357	179.610	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	3.746	79	1926332	159.353	ng/ul	96
6) Benzaldehyde	7.087	77	807343	146.150	ng/ul	96
8) Phenol	7.158	94	2451230	157.355	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.387	93	1844914	152.484	ng/ul	99
13) 2-Methylphenol	8.411	108	1857060	156.681	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.499	45	2404383	156.905	ng/ul	96
16) Acetophenone	8.799	105	2732967	145.880	ng/ul	99
18) 4-Methylphenol	8.769	108	1986331	151.017	ng/ul	97
32) 4-Chloroaniline	10.952	127	2622114	146.728	ng/ul	98
34) Caprolactam	11.793	113	673041m	157.141	ng/ul	
40) Hexachlorocyclopentadiene	12.781	237	1485185	196.973	ng/ul	98
51) 3-Nitroaniline	14.540	138	1073863	162.541	ng/ul	98
53) 2,4-Dinitrophenol	14.740	184	832431	201.339	ng/ul	96
55) 4-Nitrophenol	14.863	109	900346	164.111	ng/ul	96
63) 4-Nitroaniline	15.722	138	989231m	153.752	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.763	198	1006012	176.208	ng/ul#	98
70) Atrazine	16.840	200	1657184	164.939	ng/ul	97
71) Pentachlorophenol	17.010	266	1257341	169.901	ng/ul	97
77) Carbazole	17.775	167	6977826	144.473	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.469	252	2608505	149.690	ng/ul	97
89) Di-n-octyl phthalate	22.386	149	9710839	183.053	ng/ul	100

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