Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020623\
Data File : BN023952.D
Acq On : 06 Feb 2023 14:44
Operator : CG/JU
Sample : SSTD16070
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD160236

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2023
Supervised By :mohammad ahmed 02/07/2023

Quant Time: Feb 06 15:12:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 06 14:46:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	155854	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	606074	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	344519	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	654204	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	522193	20.000	ng/ul	0.00
88) Perylene-d12	23.839	264	606024	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.652	84	1768887	166.870	ng/ul	0.00
7) Phenol-d5	7.028	99	2237960	170.089	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.187	67	1323126	156.727	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.581	113	1687254	162.637	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	10.810	131	2115247	153.295	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	14.740	143	729512	159.083	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.639	200	786393	177.871	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	3.670	79	1752490	163.823	ng/ul	95
6) Benzaldehyde	6.981	77	735769	121.290	ng/ul	100
8) Phenol	7.063	94	2224648	166.827	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.281	93	1734333	158.331	ng/ul	99
13) 2-Methylphenol	8.305	108	1650745	164.839	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.387	45	2090422	151.973	ng/ul	98
16) Acetophenone	8.693	105	2500734	152.582	ng/ul	98
18) 4-Methylphenol	8.663	108	1732348	159.510	ng/ul	96
32) 4-Chloroaniline	10.840	127	2094739	151.779	ng/ul	99
34) Caprolactam	11.681	113	435746m	156.287	ng/ul	
40) Hexachlorocyclopentadiene	12.663	237	1601390	189.965	ng/ul	100
51) 3-Nitroaniline	14.428	138	710959	154.681	ng/ul	97
53) 2,4-Dinitrophenol	14.634	184	632807	187.861	ng/ul	95
55) 4-Nitrophenol	14.757	109	623700	152.379	ng/ul	99
63) 4-Nitroaniline	15.610	138	598031m	151.608	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.657	198	752524	174.243	ng/ul#	94
70) Atrazine	16.734	200	1185865	161.262	ng/ul	97
71) Pentachlorophenol	16.904	266	952026	174.152	ng/ul	95
77) Carbazole	17.663	167	4754772	157.782	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.369	252	1867271	150.142	ng/ul#	92
89) Di-n-octyl phthalate	22.280	149	6761502	161.726	ng/ul	100

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