Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
Data File : BN033850.D
Acq On : 10 Sep 2024 20:39
Operator : JU/RC
Sample : SSTD16085
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD160222

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 11 01:54:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 01:28:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	205438	20.000	ng/ul	0.00
20) Naphthalene-d8	10.263	136	915976	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.145	164	615445	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	1277823	20.000	ng/ul	0.00
79) Chrysene-d12	21.145	240	1235380	20.000	ng/ul	0.02
88) Perylene-d12	23.927	264	1534346	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	3.499	84	2387781	156.274	ng/ul	0.00
7) Phenol-d5	6.710	99	2978351	158.061	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.863	67	1744931	144.420	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.234	113	2458638	157.791	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	10.416	131	3322239	145.817	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	14.404	143	1497963	165.513	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.298	200	1403546	233.216	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	3.517	79	2420098	154.070	ng/ul	94
6) Benzaldehyde	6.658	77	1067919	109.071	ng/ul	97
8) Phenol	6.740	94	3075575	155.327	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.958	93	2281856	144.724	ng/ul	98
13) 2-Methylphenol	7.957	108	2295012	153.206	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.028	45	3218434	125.745	ng/ul	97
16) Acetophenone	8.334	105	3683470	145.564	ng/ul	99
18) 4-Methylphenol	8.310	108	2536634	151.277	ng/ul	98
32) 4-Chloroaniline	10.446	127	3262858	146.435	ng/ul	99
34) Caprolactam	11.287	113	870561m	154.225	ng/ul	
40) Hexachlorocyclopentadiene	12.298	237	1652102	169.188	ng/ul	98
51) 3-Nitroaniline	14.081	138	1518364	156.914	ng/ul	99
53) 2,4-Dinitrophenol	14.287	184	1099422	260.452	ng/ul	87
55) 4-Nitrophenol	14.422	109	1210323	170.756	ng/ul	95
63) 4-Nitroaniline	15.269	138	1472287m	147.828	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.316	198	1501375	220.745	ng/ul#	98
70) Atrazine	16.410	200	1973506	138.038	ng/ul	99
71) Pentachlorophenol	16.563	266	1716372	182.704	ng/ul	97
77) Carbazole	17.316	167	9784361	145.798	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.063	252	3977158	141.220	ng/ul	99
89) Di-n-octyl phthalate	22.145	149	14852552	150.296	ng/ul	100

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