Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010325\
Data File : BN035886.D
Acq On : 03 Jan 2025 12:46
Operator : RC/JU
Sample : SSTD16004
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 03 13:28:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 03 13:04:29 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD160243

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/06/2025
Supervised By :mohammad ahmed 01/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.831	152	55047	20.000	ng/ul	0.00
20) Naphthalene-d8	10.631	136	197609	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.472	164	126958	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.213	188	260623	20.000	ng/ul	0.00
79) Chrysene-d12	21.460	240	287689	20.000	ng/ul	0.00
88) Perylene-d12	24.513	264	313134	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	3.684	84	574054	153.913	ng/ul	0.00
7) Phenol-d5	6.996	99	644214	162.200	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.166	67	386460	151.234	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.537	113	499474	163.282	ng/ul	0.01
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	10.760	131	659736	162.805	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	14.660	143	271055	189.013	ng/ul	0.02
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.584	200	244494	234.903	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	3.708	79	572926	148.668	ng/ul	98
6) Benzaldehyde	6.966	77	208960	79.186	ng/ul	95
8) Phenol	7.019	94	663063	156.116	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.261	93	506228	154.164	ng/ul	97
13) 2-Methylphenol	8.272	108	486051	160.890	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.360	45	713790	152.654	ng/ul	100
16) Acetophenone	8.655	105	808437	154.168	ng/ul	95
18) 4-Methylphenol	8.608	108	525759	163.195	ng/ul	88
32) 4-Chloroaniline	10.784	127	632990	161.670	ng/ul	97
34) Caprolactam	11.566	113	166541m	201.349	ng/ul	
40) Hexachlorocyclopentadiene	12.654	237	373985	160.969	ng/ul	98
51) 3-Nitroaniline	14.366	138	257380	167.264	ng/ul	87
53) 2,4-Dinitrophenol	14.572	184	168451	262.256	ng/ul	91
55) 4-Nitrophenol	14.678	109	274887	176.514	ng/ul	94
63) 4-Nitroaniline	15.537	138	215785	137.307	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.595	198	271621	227.781	ng/ul#	96
70) Atrazine	16.684	200	466180	168.817	ng/ul	99
71) Pentachlorophenol	16.860	266	332444	191.156	ng/ul	96
77) Carbazole	17.613	167	2032661	155.713	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.360	252	804098	161.651	ng/ul	98
89) Di-n-octyl phthalate	22.554	149	2367230	208.617	ng/ul	100

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