Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031690.D
Acq On : 29 May 2024 14:37
Operator : MA/JU
Sample : SSTD16073
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 29 15:10:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 13:30:10 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD160208

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	661198	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	2903096	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.334	164	1836362	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.081	188	3777091	20.000	ng/ul	0.01
79) Chrysene-d12	21.322	240	2585161	20.000	ng/ul	0.02
88) Perylene-d12	24.263	264	2788823	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	3.599	84	6564490	140.404	ng/ul	0.00
7) Phenol-d5	6.875	99	8345714	150.086	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.040	67	4578915	137.730	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.416	113	6865592	156.461	ng/ul	0.03
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	10.628	131	8538386	138.921	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	14.575	143	3736768	159.796	ng/ul	0.05
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.475	200	3162237	181.087	ng/ul	0.04
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	3.617	79	6419825	139.174	ng/ul	99
6) Benzaldehyde	6.840	77	2496972	88.042	ng/ul	97
8) Phenol	6.905	94	8251129	144.901	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.134	93	6623625	139.748	ng/ul	96
13) 2-Methylphenol	8.140	108	6444693	148.884	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.222	45	7422694	135.295	ng/ul	96
16) Acetophenone	8.528	105	9114913	133.629	ng/ul	99
18) 4-Methylphenol	8.493	108	7030264	151.963	ng/ul	99
32) 4-Chloroaniline	10.658	127	8080306	135.039	ng/ul	99
34) Caprolactam	11.505	113	2419690m	167.322	ng/ul	
40) Hexachlorocyclopentadiene	12.493	237	4253745	138.936	ng/ul	99
51) 3-Nitroaniline	14.269	138	3849938	143.585	ng/ul	95
53) 2,4-Dinitrophenol	14.469	184	2556770	227.516	ng/ul	96
55) 4-Nitrophenol	14.593	109	2728840	155.848	ng/ul	93
63) 4-Nitroaniline	15.451	138	3347859	136.733	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.493	198	3224519	170.061	ng/ul	98
70) Atrazine	16.569	200	4075304	130.072	ng/ul	98
71) Pentachlorophenol	16.728	266	3801441	153.350	ng/ul	94
77) Carbazole	17.487	167	18156375	108.149	ng/ul#	92
84) 3,3'-Dichlorobenzidine	21.233	252	5575516	108.315	ng/ul#	98
89) Di-n-octyl phthalate	22.333	149	22075487m	128.661	ng/ul	

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