Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101624\
Data File : BN034611.D
Acq On : 16 Oct 2024 15:16
Operator : RC/JU
Sample : SSTD16091
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 16 15:48:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 14:56:03 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD160229

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	232473	20.000	ng/ul	0.00
20) Naphthalene-d8	10.445	136	1022000	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	613166	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	1194046	20.000	ng/ul	0.01
79) Chrysene-d12	21.280	240	1015956	20.000	ng/ul	0.01
88) Perylene-d12	24.174	264	1240091	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	2613602	151.635	ng/ul	0.00
7) Phenol-d5	6.846	99	3063932	148.752	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.016	67	1803090	141.262	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.381	113	2407677	143.460	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	10.587	131	3415857	141.896	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	14.516	143	1286753	141.908	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.433	200	882768	135.409	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	3.616	79	2664145	151.209	ng/ul	98
6) Benzaldehyde	6.810	77	943294	86.086	ng/ul	100
8) Phenol	6.875	94	3161805	146.848	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.110	93	2416725	144.316	ng/ul	97
13) 2-Methylphenol	8.110	108	2355304	146.895	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.199	45	3533791	143.152	ng/ul	98
16) Acetophenone	8.493	105	3631917	136.105	ng/ul	97
18) 4-Methylphenol	8.457	108	2549875	143.703	ng/ul	97
32) 4-Chloroaniline	10.610	127	3204805	135.871	ng/ul	100
34) Caprolactam	11.410	113	828851m	141.876	ng/ul	
40) Hexachlorocyclopentadiene	12.475	237	1314749	132.488	ng/ul	96
51) 3-Nitroaniline	14.216	138	1359576	137.491	ng/ul#	85
53) 2,4-Dinitrophenol	14.416	184	627653	127.007	ng/ul	93
55) 4-Nitrophenol	14.539	109	859322	113.828	ng/ul	93
63) 4-Nitroaniline	15.386	138	1098364	107.855	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.445	198	986731	135.029	ng/ul	99
70) Atrazine	16.545	200	1740387	136.173	ng/ul	98
71) Pentachlorophenol	16.704	266	1175627	132.098	ng/ul	97
77) Carbazole	17.451	167	8289834	133.110	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.192	252	2944303	129.433	ng/ul	93
89) Di-n-octyl phthalate	22.351	149	11661551	143.998	ng/ul	100

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