Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120224\
Data File : BN035389.D
Acq On : 02 Dec 2024 16:56
Operator : RC/JU
Sample : SSTD16097
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 02 18:24:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:09:44 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD160236

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.305	152	116089	20.000	ng/ul	0.00
20) Naphthalene-d8	10.057	136	489921	20.000	ng/ul	0.00
38) Acenaphthene-d10	13.969	164	353904	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.739	188	764279	20.000	ng/ul	0.01
79) Chrysene-d12	20.998	240	628887	20.000	ng/ul	0.02
88) Perylene-d12	23.680	264	709743	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	3.340	84	967078	149.333	ng/ul	0.00
7) Phenol-d5	6.528	99	1300214	157.219	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.675	67	677033	146.797	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.046	113	1112976	154.426	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	10.222	131	1466762	147.522	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	14.251	143	677614	161.935	ng/ul	0.05
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.145	200	694364	172.269	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	3.358	79	960466	147.900	ng/ul	95
6) Benzaldehyde	6.469	77	439302	98.482	ng/ul	98
8) Phenol	6.558	94	1296859	151.408	ng/ul	94
10) Bis(2-Chloroethyl)ether	6.769	93	976410	145.613	ng/ul	98
13) 2-Methylphenol	7.769	108	1024635	154.070	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	7.840	45	773419	145.932	ng/ul	99
16) Acetophenone	8.140	105	1583941	139.161	ng/ul#	86
18) 4-Methylphenol	8.122	108	1073381	145.254	ng/ul	99
32) 4-Chloroaniline	10.246	127	1375148	144.379	ng/ul	100
34) Caprolactam	11.104	113	356981m	151.667	ng/ul	
40) Hexachlorocyclopentadiene	12.104	237	848465	161.933	ng/ul	95
51) 3-Nitroaniline	13.916	138	688897	156.984	ng/ul	100
53) 2,4-Dinitrophenol	14.122	184	565733	191.149	ng/ul	95
55) 4-Nitrophenol	14.269	109	642925	162.678	ng/ul	89
63) 4-Nitroaniline	15.116	138	588098m	138.120	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.163	198	704999	161.431	ng/ul#	97
70) Atrazine	16.263	200	1022211	140.958	ng/ul	97
71) Pentachlorophenol	16.398	266	866114	148.689	ng/ul	96
77) Carbazole	17.163	167	4405477	133.255	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.927	252	1580762	140.981	ng/ul	99
89) Di-n-octyl phthalate	21.986	149	6040723	187.238	ng/ul	100

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