Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035589.D
Acq On : 13 Dec 2024 10:19
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 13 11:32:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.289	152	1440	0.400	ng/ul		0.00
4) Naphthalene-d8	10.031	136	4210	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	13.949	164	2854	0.400	ng/ul		0.00
13) Phenanthrene-d10	16.713	188	6686	0.400	ng/ul	#	0.00
17) Chrysene-d12	20.961	240	6808	0.400	ng/ul	#	0.00
23) Perylene-d12	23.051	264	7104	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.959	96	549	0.417	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.637	152	2462	0.399	ng/ul		0.00
18) Fluoranthene-d10	18.768	212	6887	0.367	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.989	88	620	0.434	ng/ul	#	84
5) Naphthalene	10.081	128	4663	0.440	ng/ul		97
7) 2-Methylnaphthalene	11.714	142	2882	0.392	ng/ul		98
8) 1-Methylnaphthalene	11.939	142	3022	0.407	ng/ul		98
10) Acenaphthylene	13.657	152	4694	0.415	ng/ul		98
11) Acenaphthene	14.009	153	3593	0.415	ng/ul		97
12) Fluorene	15.013	166	4171	0.410	ng/ul		99
14) Pentachlorophenol	16.380	266	912	0.586	ng/ul		98
15) Phenanthrene	16.755	178	7232	0.409	ng/ul		99
16) Anthracene	16.848	178	6471	0.394	ng/ul		99
19) Fluoranthene	18.796	202	8768	0.370	ng/ul	#	96
20) Pyrene	19.163	202	9692	0.393	ng/ul	#	94
21) Benzo(a)anthracene	20.947	228	9559	0.405	ng/ul		100
22) Chrysene	20.996	228	9950	0.419	ng/ul		100
24) Benzo(b)fluoranthene	22.437	252	9290	0.396	ng/ul		98
25) Benzo(k)fluoranthene	22.478	252	9711m	0.401	ng/ul		
26) Benzo(a)pyrene	22.960	252	8584	0.400	ng/ul	#	97
27) Indeno(1,2,3-cd)pyrene	25.081	276	10573	0.365	ng/ul	#	51
28) Dibenzo(a,h)anthracene	25.098	278	7947	0.350	ng/ul	#	96
29) Benzo(g,h,i)perylene	25.691	276	8404	0.368	ng/ul	#	95

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

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