Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028674.D
Acq On : 16 Nov 2023 21:46
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Nov 16 23:31:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 22:38:14 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD0.4315

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	5610m	0.400	ng/ul	0.15
4) Naphthalene-d8	10.517	136	14943m	0.400	ng/ul	0.03
9) Acenaphthene-d10	14.330	164	11386	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.099	188	15644	0.400	ng/ul	0.00
17) Chrysene-d12	21.299	240	16624	0.400	ng/ul	# 0.00
23) Perylene-d12	23.582	264	15668	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	2857m	0.461	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.134	152	6656m	0.296	ng/ul	0.02
18) Fluoranthene-d10	19.123	212	23405	0.438	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.154	88	3056m	0.446	ng/ul	
5) Naphthalene	10.567	128	14442	0.345	ng/ul#	95
7) 2-Methylnaphthalene	12.211	142	7817m	0.283	ng/ul	
8) 1-Methylnaphthalene	12.376	142	10491	0.374	ng/ul	99
10) Acenaphthylene	14.057	152	22182	0.390	ng/ul	97
11) Acenaphthene	14.391	153	18902	0.452	ng/ul	98
12) Fluorene	15.408	166	15376	0.316	ng/ul	100
14) Pentachlorophenol	16.773	266	1035	0.276	ng/ul	98
15) Phenanthrene	17.137	178	23690	0.493	ng/ul	98
16) Anthracene	17.259	178	10687	0.242	ng/ul	95
19) Fluoranthene	19.155	202	31286	0.443	ng/ul	99
20) Pyrene	19.518	202	37613	0.513	ng/ul	97
21) Benzo(a)anthracene	21.284	228	17842	0.271	ng/ul	97
22) Chrysene	21.337	228	25889	0.403	ng/ul	99
24) Benzo(b)fluoranthene	22.892	252	23628	0.402	ng/ul	88
25) Benzo(k)fluoranthene	22.941	252	28927	0.470	ng/ul#	93
26) Benzo(a)pyrene	23.488	252	24588	0.443	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.935	276	27122	0.440	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.965	278	19592	0.398	ng/ul	94
29) Benzo(g,h,i)perylene	26.639	276	24430	0.484	ng/ul	97

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