Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028197.D
Acq On : 10 Oct 2023 15:01
Operator : MA/JU
Sample : 04657-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 10 15:38:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 00:42:22 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
U-1(0-2IN)

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	4179	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	12446	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	6479	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	12982	0.400	ng	0.00
29) Chrysene-d12	21.515	240	13767	0.400	ng	0.00
35) Perylene-d12	23.975	264	15911	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	3997	0.321	ng	0.00
5) Phenol-d6	7.091	99	4737	0.301	ng	0.00
8) Nitrobenzene-d5	9.123	82	3606	0.340	ng	0.00
11) 2-Methylnaphthalene-d10	12.317	152	5328	0.289	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	798	0.269	ng	-0.01
15) 2-Fluorobiphenyl	13.187	172	7312	0.313	ng	0.00
27) Fluoranthene-d10	19.351	212	9477	0.291	ng	0.00
31) Terphenyl-d14	19.941	244	8546	0.266	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.789	128	44955	1.398	ng	99
12) 2-Methylnaphthalene	12.393	142	9841	0.437	ng	97
16) Acenaphthylene	14.288	152	126927	4.422	ng	100
17) Acenaphthene	14.630	154	35600	1.946	ng	99
18) Fluorene	15.606	166	45647m	1.921	ng	
25) Phenanthrene	17.356	178	708376	20.240	ng	100
26) Anthracene	17.455	178	239637	7.244	ng	96
28) Fluoranthene	19.384	202	1404273	34.766	ng	99
30) Pyrene	19.751	202	1280273	25.361	ng	99
32) Benzo(a)anthracene	21.498	228	784571	16.748	ng	100
33) Chrysene	21.551	228	614471	13.611	ng	98
34) Bis(2-ethylhexyl)phtha...	21.372	149	15826	0.514	ng	100
36) Indeno(1,2,3-cd)pyrene	26.560	276	442427	8.267	ng	97
37) Benzo(b)fluoranthene	23.218	252	833278	16.216	ng	# 89
38) Benzo(k)fluoranthene	23.262	252	334416m	6.416	ng	
39) Benzo(a)pyrene	23.864	252	682593m	14.048	ng	
40) Dibenzo(a,h)anthracene	26.572	278	113716	2.597	ng	97
41) Benzo(g,h,i)perylene	27.367	276	437676	9.739	ng	95

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

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