Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026066.D
Acq On : 28 Jun 2023 19:53
Operator : MA/JU
Sample : 03142-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 28 23:16:08 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DCFS8

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.968	152	7110	0.400	ng/ul	0.00
4) Naphthalene-d8	10.781	136	23283	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	14234	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	30127	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	17326	0.400	ng/ul	0.00
23) Perylene-d12	23.993	264	16756	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	20171	2.519	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	6382	0.178	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	15041	0.228	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.831	128	2523	0.038	ng/ul#	86
7) 2-Methylnaphthalene	12.442	142	1694	0.040	ng/ul	99
8) 1-Methylnaphthalene	12.662	142	1331	0.030	ng/ul	100
10) Acenaphthylene	14.330	152	2332	0.035	ng/ul#	82
11) Acenaphthene	14.672	153	1465	0.027	ng/ul	98
15) Phenanthrene	17.393	178	38878	0.391	ng/ul	100
16) Anthracene	17.486	178	6338	0.072	ng/ul#	82
19) Fluoranthene	19.415	202	127252	1.375	ng/ul#	95
20) Pyrene	19.777	202	102004m	1.060	ng/ul	
21) Benzo(a)anthracene	21.523	228	44132	0.617	ng/ul	96
22) Chrysene	21.579	228	61605	0.828	ng/ul	97
24) Benzo(b)fluoranthene	23.245	252	84137m	1.176	ng/ul	
25) Benzo(k)fluoranthene	23.289	252	28816m	0.401	ng/ul	
26) Benzo(a)pyrene	23.882	252	46921	0.755	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.554	276	43087	0.635	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.564	278	9505	0.185	ng/ul#	77
29) Benzo(g,h,i)perylene	27.346	276	39539	0.655	ng/ul	98

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

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