Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072922\
Data File : BN020920.D
Acq On : 29 Jul 2022 13:48
Operator : CG/JU
Sample : N3890-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 29 17:37:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 18:06:54 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
YBEA3MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2022
Supervised By :mohammad ahmed 08/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	2539	0.400	ng/ul	0.00
4) Naphthalene-d8	10.606	136	9043	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.460	164	5578	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	11676	0.400	ng/ul	0.00
17) Chrysene-d12	21.420	240	9505	0.400	ng/ul	-0.01
23) Perylene-d12	23.764	264	7435	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.214	96	1104m	0.362	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	3912	0.285	ng/ul	0.00
18) Fluoranthene-d10	19.253	212	11092	0.365	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	5019	1.601	ng/ul#	84
5) Naphthalene	10.656	128	6997	0.247	ng/ul	99
7) 2-Methylnaphthalene	12.284	142	4464	0.249	ng/ul	99
8) 1-Methylnaphthalene	12.498	142	4783	0.276	ng/ul	99
10) Acenaphthylene	14.183	152	6750	0.243	ng/ul	100
11) Acenaphthene	14.525	153	5399	0.241	ng/ul	99
12) Fluorene	15.515	166	6122	0.249	ng/ul	97
14) Pentachlorophenol	16.875	266	1230	0.700	ng/ul	99
15) Phenanthrene	17.255	178	11091	0.259	ng/ul	99
16) Anthracene	17.348	178	9098	0.265	ng/ul	99
19) Fluoranthene	19.281	202	13588	0.305	ng/ul	99
20) Pyrene	19.643	202	14261	0.307	ng/ul	99
21) Benzo(a)anthracene	21.403	228	10177	0.324	ng/ul	100
22) Chrysene	21.455	228	11513	0.285	ng/ul	99
24) Benzo(b)fluoranthene	23.054	252	9936	0.282	ng/ul	96
25) Benzo(k)fluoranthene	23.101	252	10319	0.283	ng/ul	97
26) Benzo(a)pyrene	23.665	252	9180	0.283	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.191	276	9298	0.272	ng/ul#	41
28) Dibenzo(a,h)anthracene	26.208	278	7305	0.280	ng/ul	97
29) Benzo(g,h,i)perylene	26.936	276	8241	0.268	ng/ul	99

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

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