Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
Data File : BM037117.D
Acq On : 17 Oct 2022 17:38
Operator : CG/JU
Sample : N4984-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 17 23:55:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 02:26:13 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGNC2

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	5106	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	18959	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.553	164	9980	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	19606	0.400	ng/ul	0.00
17) Chrysene-d12	21.470	240	12714	0.400	ng/ul	0.00
23) Perylene-d12	23.858	264	9831	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	23065	3.203	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	5435	0.190	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	11338	0.298	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.776	128	14531	0.268	ng/ul	98
7) 2-Methylnaphthalene	12.387	142	3711	0.112	ng/ul	91
8) 1-Methylnaphthalene	12.607	142	2226	0.066	ng/ul	98
10) Acenaphthylene	14.275	152	20648	0.498	ng/ul	100
11) Acenaphthene	14.617	153	3438	0.096	ng/ul	98
12) Fluorene	15.603	166	8226	0.202	ng/ul	99
15) Phenanthrene	17.335	178	197541	3.156	ng/ul	99
16) Anthracene	17.428	178	86681	1.657	ng/ul	98
19) Fluoranthene	19.346	202	818380	16.183	ng/ul	99
20) Pyrene	19.713	202	646315m	12.256	ng/ul	
21) Benzo(a)anthracene	21.452	228	378356	8.237	ng/ul	98
22) Chrysene	21.505	228	329385	6.679	ng/ul	99
24) Benzo(b)fluoranthene	23.133	252	366500	8.345	ng/ul	85
25) Benzo(k)fluoranthene	23.174	252	121505m	2.839	ng/ul	
26) Benzo(a)pyrene	23.752	252	268019	7.522	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.328	276	146295	2.898	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.342	278	37820	0.927	ng/ul	92
29) Benzo(g,h,i)perylene	27.096	276	101342	2.278	ng/ul	97

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

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