Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041048.D
Acq On : 22 Jul 2023 10:52
Operator : MA/JU
Sample : 03540-07MS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Jul 22 22:35:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 22 22:33:48 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4738MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.853	152	4051	0.400	ng/ul		0.00
4) Naphthalene-d8	10.664	136	14066	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.509	164	8372	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.265	188	18119	0.400	ng/ul		0.00
17) Chrysene-d12	21.460	240	10265	0.400	ng/ul		0.00
23) Perylene-d12	23.848	264	10828	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.279	96	1586	0.238	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.253	152	4329	0.231	ng/ul		-0.01
18) Fluoranthene-d10	19.296	212	7535	0.175	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.309	88	5082	0.725	ng/ul	#	21
5) Naphthalene	10.713	128	18439	0.479	ng/ul		100
7) 2-Methylnaphthalene	12.330	142	8570	0.406	ng/ul		95
8) 1-Methylnaphthalene	12.550	142	7905	0.352	ng/ul		99
10) Acenaphthylene	14.231	152	11943	0.341	ng/ul	#	93
11) Acenaphthene	14.573	153	22685	0.734	ng/ul		96
12) Fluorene	15.563	166	26811	0.838	ng/ul		98
14) Pentachlorophenol	16.923	266	287	0.079	ng/ul		89
15) Phenanthrene	17.307	178	324369	5.989	ng/ul		98
16) Anthracene	17.400	178	41223	0.977	ng/ul		98
19) Fluoranthene	19.329	202	439094	8.285	ng/ul	#	92
20) Pyrene	19.691	202	115146	2.127	ng/ul		93
21) Benzo(a)anthracene	21.442	228	125420	4.011	ng/ul		99
22) Chrysene	21.495	228	119728	3.349	ng/ul		98
24) Benzo(b)fluoranthene	23.120	252	126810	3.051	ng/ul		87
25) Benzo(k)fluoranthene	23.167	252	55837m	1.414	ng/ul		
26) Benzo(a)pyrene	23.743	252	10861	0.303	ng/ul	#	79
27) Indeno(1,2,3-cd)pyrene	26.314	276	22101	0.464	ng/ul	#	92
28) Dibenzo(a,h)anthracene	26.327	278	21061	0.584	ng/ul		98
29) Benzo(g,h,i)perylene	27.075	276	1303	0.030	ng/ul	#	11

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

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