Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041085.D
Acq On : 24 Jul 2023 21:20
Operator : MA/JU
Sample : 03534-24MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 25 00:30:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 00:13:11 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4737MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	2729	0.400	ng/ul	0.00
4) Naphthalene-d8	10.642	136	9033	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.495	164	5042	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.248	188	14089	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.445	240	9058	0.400	ng/ul	#-0.01
23) Perylene-d12	23.827	264	12309	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	1689	0.401	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	3924	0.304	ng/ul	-0.01
18) Fluoranthene-d10	19.283	212	9002	0.365	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.288	88	4880	1.134	ng/ul#	68
5) Naphthalene	10.691	128	32761	1.114	ng/ul	98
7) 2-Methylnaphthalene	12.308	142	15583	1.082	ng/ul	96
8) 1-Methylnaphthalene	12.528	142	13853	0.937	ng/ul	100
10) Acenaphthylene	14.213	152	17734	0.833	ng/ul	98
11) Acenaphthene	14.555	153	44893	2.498	ng/ul	99
12) Fluorene	15.545	166	57039	2.908	ng/ul	99
14) Pentachlorophenol	16.911	266	314	0.077	ng/ul	95
15) Phenanthrene	17.291	178	547728	12.612	ng/ul	98
16) Anthracene	17.384	178	109784	3.122	ng/ul	98
19) Fluoranthene	19.315	202	687004	21.162	ng/ul	96
20) Pyrene	19.678	202	622667	17.395	ng/ul	97
21) Benzo(a)anthracene	21.428	228	304223	10.046	ng/ul	100
22) Chrysene	21.480	228	292704	8.369	ng/ul	98
24) Benzo(b)fluoranthene	23.102	252	365564	7.454	ng/ul	89
25) Benzo(k)fluoranthene	23.146	252	138063m	2.949	ng/ul	
26) Benzo(a)pyrene	23.719	252	252274	6.350	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.287	276	186169	3.165	ng/ul	94
28) Dibenzo(a,h)anthracene	26.297	278	55050	1.193	ng/ul	97
29) Benzo(g,h,i)perylene	27.045	276	165196	3.143	ng/ul	96

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

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