Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046404.D
Acq On : 06 Jul 2024 05:26
Operator : MA/JU
Sample : P3010-03MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CG2MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 06 05:55:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.535	152	10250	0.400	ng/ul	0.00
4) Naphthalene-d8	10.298	136	29769	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	17715	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.934	188	29060	0.400	ng/ul	0.00
17) Chrysene-d12	21.140	240	11398	0.400	ng/ul	# 0.00
23) Perylene-d12	23.299	264	15241	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	2296	0.217	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	9581	0.218	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	12922	0.324	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	6338	0.529	ng/ul	98
5) Naphthalene	10.348	128	71064	0.899	ng/ul	99
7) 2-Methylnaphthalene	11.976	142	38083	0.713	ng/ul	99
8) 1-Methylnaphthalene	12.196	142	30832	0.560	ng/ul	99
10) Acenaphthylene	13.896	152	149261	1.660	ng/ul	99
11) Acenaphthene	14.243	153	64598	1.102	ng/ul	97
12) Fluorene	15.238	166	71872	1.039	ng/ul	99
14) Pentachlorophenol	16.584	266	6280	0.741	ng/ul	99
15) Phenanthrene	16.972	178	1036565	11.911	ng/ul	99
16) Anthracene	17.065	178	268431	3.180	ng/ul	99
19) Fluoranthene	19.002	202	1518422	26.355	ng/ul	98
20) Pyrene	19.364	202	1083540	18.278	ng/ul#	95
21) Benzo(a)anthracene	21.125	228	587090	11.528	ng/ul	93
22) Chrysene	21.175	228	598808	11.826	ng/ul	96
24) Benzo(b)fluoranthene	22.665	252	773570m	11.939	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	292754m	4.476	ng/ul	
26) Benzo(a)pyrene	23.209	252	299596	5.850	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.453	276	316889	4.580	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.470	278	108727	2.031	ng/ul	93
29) Benzo(g,h,i)perylene	26.104	276	49360	0.895	ng/ul#	86

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

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