Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045698.D
Acq On : 03 May 2024 16:28
Operator : MA/JU
Sample : P2238-11MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: May 03 16:59:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 03 03:27:04 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
E1CX6MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.543	152	276	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.298	136	984	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.173	164	706	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.943	188	1569	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.157	240	1904	0.400	ng/ul	-0.03
23) Perylene-d12	23.332	264	2606m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.150	96	116	0.371	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	359	0.231	ng/ul	-0.05
18) Fluoranthene-d10	18.979	212	1059	0.222	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	296	0.914	ng/ul#	86
5) Naphthalene	10.347	128	1424	0.568	ng/ul#	75
7) 2-Methylnaphthalene	11.969	142	784	0.517	ng/ul	98
8) 1-Methylnaphthalene	12.189	142	653	0.389	ng/ul	96
10) Acenaphthylene	13.900	152	945	0.319	ng/ul	95
11) Acenaphthene	14.238	153	1861	0.846	ng/ul	96
12) Fluorene	15.251	166	1380	0.542	ng/ul#	91
15) Phenanthrene	16.985	178	15256	3.915	ng/ul#	85
16) Anthracene	17.086	178	3471	0.918	ng/ul#	87
19) Fluoranthene	19.011	202	27061	4.472	ng/ul#	83
20) Pyrene	19.378	202	24742	3.845	ng/ul#	84
21) Benzo(a)anthracene	21.140	228	20909	3.762	ng/ul#	92
22) Chrysene	21.192	228	24859	3.160	ng/ul	93
24) Benzo(b)fluoranthene	22.683	252	62748m	8.645	ng/ul	
25) Benzo(k)fluoranthene	22.726	252	25504m	2.838	ng/ul	
26) Benzo(a)pyrene	23.235	252	50121	6.230	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	25.490	276	50827	4.587	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.504	278	12983m	1.465	ng/ul	
29) Benzo(g,h,i)perylene	26.154	276	56895	5.791	ng/ul#	83

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

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