Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039740.D
Acq On : 28 Apr 2023 17:31
Operator : CG/JU
Sample : 02417-25MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW906MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: Apr 29 02:25:07 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3117	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.599	136	12747	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.449	164	7872	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.198	188	17496	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.396	240	12661	0.400	ng/ul	#-0.01
23) Perylene-d12	23.743	264	12246	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	1537	0.335	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	4195	0.257	ng/ul	-0.02
18) Fluoranthene-d10	19.232	212	10923	0.321	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	3661	0.769	ng/ul#	50
5) Naphthalene	10.649	128	14488	0.453	ng/ul	100
7) 2-Methylnaphthalene	12.271	142	10499	0.568	ng/ul	98
8) 1-Methylnaphthalene	12.485	142	8854	0.447	ng/ul	100
10) Acenaphthylene	14.172	152	21684	0.712	ng/ul	100
11) Acenaphthene	14.509	153	9589	0.401	ng/ul	99
12) Fluorene	15.504	166	10194	0.384	ng/ul	99
14) Pentachlorophenol	16.873	266	570	0.149	ng/ul	98
15) Phenanthrene	17.241	178	175396	3.805	ng/ul	99
16) Anthracene	17.333	178	41780	1.056	ng/ul	99
19) Fluoranthene	19.265	202	527479	11.678	ng/ul	97
20) Pyrene	19.627	202	471912	9.675	ng/ul	99
21) Benzo(a)anthracene	21.379	228	235247	6.462	ng/ul	98
22) Chrysene	21.431	228	256754	6.233	ng/ul	98
24) Benzo(b)fluoranthene	23.027	252	318785	7.412	ng/ul	95
25) Benzo(k)fluoranthene	23.071	252	114062m	2.605	ng/ul	
26) Benzo(a)pyrene	23.638	252	202387	5.241	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.164	276	151445	3.102	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.174	278	41057	1.083	ng/ul	98
29) Benzo(g,h,i)perylene	26.912	276	133892	3.147	ng/ul	98

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

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