Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039739.D
Acq On : 28 Apr 2023 16:55
Operator : CG/JU
Sample : 02417-24MS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Apr 29 02:24:56 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

Instrument :
BNA_M
ClientSampleId :
EW906MS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	2904	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.601	136	12446	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	7692	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	17421	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.394	240	12627	0.400	ng/ul	#-0.01
23) Perylene-d12	23.744	264	12127	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	1534	0.358	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	4201	0.263	ng/ul	-0.02
18) Fluoranthene-d10	19.234	212	11278	0.332	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	3629	0.819	ng/ul#	48
5) Naphthalene	10.650	128	14411	0.461	ng/ul	99
7) 2-Methylnaphthalene	12.272	142	10499	0.582	ng/ul	98
8) 1-Methylnaphthalene	12.487	142	9001	0.465	ng/ul	99
10) Acenaphthylene	14.173	152	21419	0.719	ng/ul	99
11) Acenaphthene	14.511	153	9665	0.413	ng/ul	98
12) Fluorene	15.506	166	10250	0.395	ng/ul	99
14) Pentachlorophenol	16.875	266	584	0.154	ng/ul	98
15) Phenanthrene	17.242	178	178884	3.898	ng/ul	99
16) Anthracene	17.335	178	42207	1.071	ng/ul	99
19) Fluoranthene	19.262	202	541299	12.016	ng/ul	100
20) Pyrene	19.624	202	487384	10.019	ng/ul	99
21) Benzo(a)anthracene	21.379	228	242383	6.676	ng/ul	98
22) Chrysene	21.432	228	264283	6.433	ng/ul	98
24) Benzo(b)fluoranthene	23.030	252	324945	7.630	ng/ul	94
25) Benzo(k)fluoranthene	23.071	252	122239m	2.819	ng/ul	
26) Benzo(a)pyrene	23.638	252	209082	5.468	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.164	276	160705	3.324	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.174	278	42134	1.123	ng/ul	98
29) Benzo(g,h,i)perylene	26.912	276	137736	3.269	ng/ul	98

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

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