Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
Data File : BM039782.D
Acq On : 01 May 2023 18:00
Operator : CG/JU
Sample : 02418-29
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW903

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

Quant Time: May 02 01:26:37 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 : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	3959	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.590	136	14966	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.446	164	8772	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	16574	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.402	240	6594	0.400	ng/ul	# 0.00
23) Perylene-d12	23.755	264	12945	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	15041	2.578	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.184	152	4511	0.235	ng/ul	-0.02
18) Fluoranthene-d10	19.239	212	6313	0.356	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.639	128	218523	5.815	ng/ul	97
7) 2-Methylnaphthalene	12.261	142	86188	3.974	ng/ul	96
8) 1-Methylnaphthalene	12.481	142	73661	3.166	ng/ul	100
10) Acenaphthylene	14.168	152	281606	8.294	ng/ul	99
11) Acenaphthene	14.506	153	189074	7.090	ng/ul	98
12) Fluorene	15.496	166	294364	9.949	ng/ul	98
14) Pentachlorophenol	16.875	266	416	0.115	ng/ul#	83
15) Phenanthrene	17.246	178	3510692	80.400	ng/ul	100
16) Anthracene	17.335	178	821717	21.916	ng/ul	97
19) Fluoranthene	19.276	202	6061118	257.649	ng/ul	96
20) Pyrene	19.638	202	4985181	196.233	ng/ul	95
21) Benzo(a)anthracene	21.388	228	2554097	134.719	ng/ul	97
22) Chrysene	21.440	228	2401098	111.912	ng/ul	97
24) Benzo(b)fluoranthene	23.051	252	3538717	77.839	ng/ul	93
25) Benzo(k)fluoranthene	23.089	252	1195044m	25.816	ng/ul	
26) Benzo(a)pyrene	23.659	252	2344262	57.433	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.201	276	1836642	35.586	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.201	278	470673	11.750	ng/ul	95
29) Benzo(g,h,i)perylene	26.955	276	1577425	35.075	ng/ul	97

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

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