Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
Data File : BN025175.D
Acq On : 27 Apr 2023 13:35
Operator : CG/JU
Sample : 02418-20MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW8Z5MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: Apr 28 01:20:36 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 15:27:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7596	0.400	ng/ul	0.00
4) Naphthalene-d8	10.720	136	25190	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	15332	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	33217	0.400	ng/ul	0.00
17) Chrysene-d12	21.505	240	25761	0.400	ng/ul	# 0.00
23) Perylene-d12	23.940	264	28150	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2200	0.280	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	7159	0.221	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	16816	0.248	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	5807	0.686	ng/ul#	71
5) Naphthalene	10.775	128	107892	1.672	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	49234	1.245	ng/ul	100
8) 1-Methylnaphthalene	12.601	142	44679	1.060	ng/ul	100
10) Acenaphthylene	14.279	152	200410	3.509	ng/ul	100
11) Acenaphthene	14.621	153	173454	3.603	ng/ul	99
12) Fluorene	15.606	166	180035	3.345	ng/ul	99
14) Pentachlorophenol	16.958	266	2904	0.445	ng/ul	99
15) Phenanthrene	17.351	178	3318087	35.389	ng/ul	100
16) Anthracene	17.440	178	786384	10.252	ng/ul	99
19) Fluoranthene	19.372	202	5913150	63.475	ng/ul	96
20) Pyrene	19.735	202	5445467	56.894	ng/ul	97
21) Benzo(a)anthracene	21.488	228	2436931	31.393	ng/ul	97
22) Chrysene	21.543	228	2758207	32.572	ng/ul	98
24) Benzo(b)fluoranthene	23.203	252	3423052m	29.972	ng/ul	
25) Benzo(k)fluoranthene	23.244	252	1202533m	10.947	ng/ul	
26) Benzo(a)pyrene	23.838	252	2157632	22.834	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.484	276	1504661	13.820	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.487	278	368400	4.332	ng/ul	98
29) Benzo(g,h,i)perylene	27.268	276	1250462	13.507	ng/ul	99

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

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