Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046131.D
Acq On : 20 Jun 2024 20:01
Operator : MA/JU
Sample : P2710-22MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B87MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 02:48:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	2481	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.215	136	7308	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.075	164	4197	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.811	188	9183	0.400	ng/ul	-0.05
17) Chrysene-d12	21.009	240	6546m	0.400	ng/ul	-0.03
23) Perylene-d12	23.104	264	10439	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	1640	0.482	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.815	152	3065	0.312	ng/ul	-0.05
18) Fluoranthene-d10	18.843	212	8222	0.419	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.067	88	4418	1.157	ng/ul	84
5) Naphthalene	10.259	128	24858	1.220	ng/ul	94
7) 2-Methylnaphthalene	11.887	142	11453	0.998	ng/ul	96
8) 1-Methylnaphthalene	12.101	142	10903	0.866	ng/ul	98
10) Acenaphthylene	13.793	152	39518	1.985	ng/ul	97
11) Acenaphthene	14.135	153	39221	2.729	ng/ul	98
12) Fluorene	15.130	166	49610	3.217	ng/ul	99
14) Pentachlorophenol	16.498	266	1302	0.473	ng/ul	97
15) Phenanthrene	16.853	178	819365	31.758	ng/ul	95
16) Anthracene	16.946	178	160703	8.364	ng/ul	95
19) Fluoranthene	18.875	202	1335059	47.104	ng/ul	96
20) Pyrene	19.238	202	925046	30.179	ng/ul	95
21) Benzo(a)anthracene	20.994	228	604654	23.914	ng/ul	99
22) Chrysene	21.044	228	590632m	18.304	ng/ul	
24) Benzo(b)fluoranthene	22.490	252	797598m	21.207	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	303460m	6.787	ng/ul	
26) Benzo(a)pyrene	23.017	252	303249m	8.702	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.149	276	282514	4.953	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.152	278	107836	2.539	ng/ul	92
29) Benzo(g,h,i)perylene	25.776	276	40010	0.818	ng/ul	96

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

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