Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046294.D
Acq On : 25 Jun 2024 16:39
Operator : MA/JU
Sample : P2844-13MS
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C64MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 18:04:24 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 25 08:04:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.426	152	1892	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.189	136	5843	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.049	164	3302	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.795	188	7177	0.400	ng/ul	-0.06
17) Chrysene-d12	20.994	240	5937	0.400	ng/ul	-0.03
23) Perylene-d12	23.083	264	7922m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	1021	0.393	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.783	152	2145	0.273	ng/ul	-0.09
18) Fluoranthene-d10	18.826	212	5447	0.306	ng/ul	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.054	88	2669	0.917	ng/ul	90
5) Naphthalene	10.238	128	7784	0.478	ng/ul	98
7) 2-Methylnaphthalene	11.860	142	4070	0.444	ng/ul	99
8) 1-Methylnaphthalene	12.069	142	4194	0.417	ng/ul	99
10) Acenaphthylene	13.771	152	17224	1.100	ng/ul	98
11) Acenaphthene	14.114	153	12626	1.117	ng/ul	98
12) Fluorene	15.108	166	15844	1.306	ng/ul	99
14) Pentachlorophenol	16.479	266	1076	0.500	ng/ul	99
15) Phenanthrene	16.833	178	319842	15.862	ng/ul	95
16) Anthracene	16.930	178	61325	4.084	ng/ul	96
19) Fluoranthene	18.854	202	726433	28.259	ng/ul	96
20) Pyrene	19.221	202	484633	17.433	ng/ul#	93
21) Benzo(a)anthracene	20.976	228	293232	12.787	ng/ul	99
22) Chrysene	21.029	228	303289	10.363	ng/ul	99
24) Benzo(b)fluoranthene	22.472	252	403738m	14.146	ng/ul	
25) Benzo(k)fluoranthene	22.507	252	165712m	4.884	ng/ul	
26) Benzo(a)pyrene	22.996	252	152933	5.783	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.122	276	159260	3.679	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.125	278	54465	1.690	ng/ul	95
29) Benzo(g,h,i)perylene	25.742	276	21998	0.593	ng/ul#	91

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

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