Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043269.D
Acq On : 12 Dec 2023 18:23
Operator : MA/JU
Sample : 05673-03MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEH8MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 12 22:52:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	18140	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	59541	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.629	164	32380	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	65103	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	39421	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	38251	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	3049	0.133	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.390	152	14033	0.166	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	32921	0.234	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	9506	0.414	ng/ul	91
5) Naphthalene	10.861	128	36836	0.206	ng/ul	99
7) 2-Methylnaphthalene	12.467	142	20149	0.174	ng/ul	100
8) 1-Methylnaphthalene	12.682	142	19353	0.167	ng/ul	100
10) Acenaphthylene	14.351	152	32943	0.185	ng/ul	99
11) Acenaphthene	14.689	153	24171	0.186	ng/ul	99
12) Fluorene	15.675	166	28719	0.195	ng/ul	98
14) Pentachlorophenol	17.012	266	8623	0.598	ng/ul	98
15) Phenanthrene	17.409	178	48759	0.225	ng/ul	100
16) Anthracene	17.497	178	43774	0.222	ng/ul	99
19) Fluoranthene	19.417	202	50212	0.226	ng/ul	97
20) Pyrene	19.775	202	52215	0.237	ng/ul	98
21) Benzo(a)anthracene	21.518	228	41852	0.242	ng/ul	99
22) Chrysene	21.571	228	41828	0.229	ng/ul	99
24) Benzo(b)fluoranthene	23.213	252	39885	0.230	ng/ul	98
25) Benzo(k)fluoranthene	23.263	252	40177m	0.223	ng/ul	
26) Benzo(a)pyrene	23.842	252	33220	0.232	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.465	276	37315	0.229	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.499	278	29843	0.231	ng/ul	99
29) Benzo(g,h,i)perylene	27.233	276	31021	0.223	ng/ul	100

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

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