Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045881.D
Acq On : 07 Jun 2024 14:18
Operator : MA/JU
Sample : P2586-06MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 07 15:18:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.476	152	7168	0.400	ng/ul	0.00
4) Naphthalene-d8	10.244	136	23741	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.114	164	13008	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.854	188	26856	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.049	240	18223	0.400	ng/ul	# 0.00
23) Perylene-d12	23.162	264	22746	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	2870	0.352	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.838	152	7276	0.213	ng/ul	0.00
18) Fluoranthene-d10	18.886	212	16965	0.311	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	6835	0.732	ng/ul#	77
5) Naphthalene	10.288	128	51862	0.836	ng/ul	99
7) 2-Methylnaphthalene	11.910	142	23424	0.592	ng/ul	99
8) 1-Methylnaphthalene	12.135	142	20393	0.474	ng/ul	99
10) Acenaphthylene	13.831	152	84061	1.421	ng/ul	98
11) Acenaphthene	14.174	153	32971	0.759	ng/ul	100
12) Fluorene	15.168	166	42155	0.868	ng/ul	99
14) Pentachlorophenol	16.529	266	3861	0.769	ng/ul	98
15) Phenanthrene	16.896	178	707222	9.379	ng/ul	99
16) Anthracene	16.989	178	140724	2.188	ng/ul	98
19) Fluoranthene	18.914	202	1415033	19.473	ng/ul	99
20) Pyrene	19.281	202	1169731	15.431	ng/ul	95
21) Benzo(a)anthracene	21.032	228	618979	9.254	ng/ul	97
22) Chrysene	21.085	228	691234	9.492	ng/ul	99
24) Benzo(b)fluoranthene	22.540	252	879978m	11.664	ng/ul	
25) Benzo(k)fluoranthene	22.575	252	321714m	3.880	ng/ul	
26) Benzo(a)pyrene	23.069	252	400032	5.332	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.229	276	363434	3.746	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.236	278	123938	1.598	ng/ul	96
29) Benzo(g,h,i)perylene	25.859	276	58277	0.697	ng/ul	94

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

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