Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043287.D
Acq On : 13 Dec 2023 05:46
Operator : MA/JU
Sample : 05686-04MS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YCH84MS

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

Quant Time: Dec 13 06:22:01 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	10166	0.400	ng/ul	0.00
4) Naphthalene-d8	10.807	136	33279	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.624	164	18353	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	36959	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.533	240	20981	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	20014	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	3311	0.258	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.390	152	14230	0.302	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	28773	0.384	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	9664	0.750	ng/ul#	86
5) Naphthalene	10.856	128	35092	0.351	ng/ul	99
7) 2-Methylnaphthalene	12.467	142	20109	0.311	ng/ul	100
8) 1-Methylnaphthalene	12.682	142	19443	0.300	ng/ul	99
10) Acenaphthylene	14.351	152	32401	0.321	ng/ul	99
11) Acenaphthene	14.689	153	23772	0.323	ng/ul	99
12) Fluorene	15.675	166	27630	0.332	ng/ul	97
14) Pentachlorophenol	17.008	266	4824	0.589	ng/ul	99
15) Phenanthrene	17.409	178	45231	0.367	ng/ul	99
16) Anthracene	17.498	178	40918	0.365	ng/ul	100
19) Fluoranthene	19.413	202	45421	0.384	ng/ul#	92
20) Pyrene	19.775	202	46581	0.396	ng/ul	96
21) Benzo(a)anthracene	21.518	228	36252	0.394	ng/ul	99
22) Chrysene	21.574	228	37141	0.382	ng/ul	100
24) Benzo(b)fluoranthene	23.214	252	34136	0.376	ng/ul	98
25) Benzo(k)fluoranthene	23.263	252	35580m	0.378	ng/ul	
26) Benzo(a)pyrene	23.842	252	29261	0.390	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.465	276	33840	0.397	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.499	278	27168	0.402	ng/ul	98
29) Benzo(g,h,i)perylene	27.236	276	28344	0.389	ng/ul	98

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

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