Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
Data File : BM035099.D
Acq On : 16 May 2022 12:03
Operator : CG/JU
Sample : N2707-05MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXL87MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

Quant Time: May 17 00:50:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	2878	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	9536	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	6009	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	13091	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.476	240	10729	0.400	ng/ul	0.00
23) Perylene-d12	23.862	264	9131	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	765	0.222	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	5792	0.381	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	16361	0.445	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.394	88	1950m	0.563	ng/ul	
5) Naphthalene	10.765	128	10619	0.337	ng/ul#	88
7) 2-Methylnaphthalene	12.376	142	7299	0.353	ng/ul	100
8) 1-Methylnaphthalene	12.596	142	7197	0.374	ng/ul	99
10) Acenaphthylene	14.270	152	12055	0.339	ng/ul#	90
11) Acenaphthene	14.612	153	8699	0.339	ng/ul	96
12) Fluorene	15.597	166	10503	0.350	ng/ul#	96
14) Pentachlorophenol	16.946	266	3772	0.763	ng/ul	97
15) Phenanthrene	17.334	178	18797	0.377	ng/ul	94
16) Anthracene	17.423	178	17229	0.379	ng/ul#	91
19) Fluoranthene	19.350	202	23079	0.383	ng/ul	98
20) Pyrene	19.712	202	23680	0.387	ng/ul	99
21) Benzo(a)anthracene	21.459	228	20048	0.404	ng/ul	97
22) Chrysene	21.511	228	20428	0.395	ng/ul	98
24) Benzo(b)fluoranthene	23.137	252	18634	0.389	ng/ul	91
25) Benzo(k)fluoranthene	23.183	252	18102	0.396	ng/ul#	89
26) Benzo(a)pyrene	23.756	252	16750	0.385	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.333	276	17524	0.407	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.353	278	14234	0.415	ng/ul#	90
29) Benzo(g,h,i)perylene	27.091	276	15028	0.405	ng/ul	95

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

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