Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041049.D
Acq On : 22 Jul 2023 11:29
Operator : MA/JU
Sample : 03540-08MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jul 22 22:36:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 22 22:33:48 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4738MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.853	152	4846	0.400	ng/ul		0.00
4) Naphthalene-d8	10.664	136	16866	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.509	164	10251	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.265	188	22720	0.400	ng/ul		0.00
17) Chrysene-d12	21.460	240	12765	0.400	ng/ul		0.00
23) Perylene-d12	23.851	264	12938	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.280	96	1872	0.235	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.253	152	5609	0.250	ng/ul		-0.01
18) Fluoranthene-d10	19.296	212	9756	0.182	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.309	88	6156	0.734	ng/ul	#	17
5) Naphthalene	10.713	128	22736	0.493	ng/ul		100
7) 2-Methylnaphthalene	12.330	142	10626	0.420	ng/ul		95
8) 1-Methylnaphthalene	12.550	142	9788	0.364	ng/ul		100
10) Acenaphthylene	14.231	152	14702	0.342	ng/ul		94
11) Acenaphthene	14.573	153	28304	0.748	ng/ul		97
12) Fluorene	15.563	166	33662	0.859	ng/ul		99
14) Pentachlorophenol	16.923	266	305	0.067	ng/ul		96
15) Phenanthrene	17.307	178	410526	6.045	ng/ul		98
16) Anthracene	17.400	178	51687	0.977	ng/ul		98
19) Fluoranthene	19.329	202	562333	8.532	ng/ul	#	92
20) Pyrene	19.691	202	148454	2.205	ng/ul		94
21) Benzo(a)anthracene	21.442	228	158303	4.071	ng/ul		99
22) Chrysene	21.498	228	148936	3.350	ng/ul		99
24) Benzo(b)fluoranthene	23.123	252	158762	3.197	ng/ul		87
25) Benzo(k)fluoranthene	23.167	252	66969m	1.419	ng/ul		
26) Benzo(a)pyrene	23.743	252	13074	0.305	ng/ul	#	82
27) Indeno(1,2,3-cd)pyrene	26.317	276	26819	0.471	ng/ul	#	91
28) Dibenzo(a,h)anthracene	26.330	278	25397	0.590	ng/ul		96
29) Benzo(g,h,i)perylene	27.075	276	1433	0.027	ng/ul	#	12

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

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