Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
Data File : BM040406.D
Acq On : 26 Jun 2023 17:56
Operator : MA/JU
Sample : 03084-21MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFQ7MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 04:26:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	7363	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	23814	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.587	164	10155	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	18798	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	13779	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	20006	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	3237	0.280	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	5820	0.174	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	8952	0.203	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.371	88	8082	0.687	ng/ul	91
5) Naphthalene	10.806	128	39657	0.604	ng/ul	100
7) 2-Methylnaphthalene	12.417	142	22056	0.572	ng/ul	98
8) 1-Methylnaphthalene	12.637	142	16521	0.429	ng/ul	99
10) Acenaphthylene	14.309	152	106405	2.346	ng/ul	99
11) Acenaphthene	14.651	153	12169	0.318	ng/ul	99
12) Fluorene	15.637	166	14855	0.363	ng/ul	99
14) Pentachlorophenol	16.990	266	655	0.181	ng/ul#	89
15) Phenanthrene	17.375	178	223667	3.831	ng/ul	98
16) Anthracene	17.467	178	74658	1.522	ng/ul	99
19) Fluoranthene	19.389	202	685929	11.719	ng/ul	94
20) Pyrene	19.751	202	603970	9.625	ng/ul	97
21) Benzo(a)anthracene	21.494	228	357855	7.678	ng/ul	98
22) Chrysene	21.547	228	356953	6.714	ng/ul	98
24) Benzo(b)fluoranthene	23.190	252	660845	8.536	ng/ul	88
25) Benzo(k)fluoranthene	23.234	252	240920m	3.157	ng/ul	
26) Benzo(a)pyrene	23.821	252	439337	6.300	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.434	276	365750	3.766	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.444	278	97032	1.276	ng/ul	98
29) Benzo(g,h,i)perylene	27.212	276	337473	3.964	ng/ul	95

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

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