Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040388.D
Acq On : 23 Jun 2023 22:52
Operator : MA/JU
Sample : 03084-22MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFQ7MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 24 01:39:17 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	8197	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	31014	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	15229	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	28743	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	12593	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	16470	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	3561	0.277	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	8625	0.198	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	12534	0.310	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.367	88	8627	0.658	ng/ul#	91
5) Naphthalene	10.806	128	55447	0.648	ng/ul	100
7) 2-Methylnaphthalene	12.417	142	33315	0.663	ng/ul	99
8) 1-Methylnaphthalene	12.637	142	25208	0.502	ng/ul	100
10) Acenaphthylene	14.309	152	119192	1.752	ng/ul	100
11) Acenaphthene	14.651	153	19418	0.338	ng/ul	99
12) Fluorene	15.636	166	24200	0.395	ng/ul	99
14) Pentachlorophenol	17.003	266	1459	0.264	ng/ul	91
15) Phenanthrene	17.374	178	359626	4.028	ng/ul	98
16) Anthracene	17.467	178	96051	1.280	ng/ul	99
19) Fluoranthene	19.389	202	949670	17.753	ng/ul	96
20) Pyrene	19.751	202	792922	13.826	ng/ul	97
21) Benzo(a)anthracene	21.497	228	367701	8.632	ng/ul	98
22) Chrysene	21.550	228	364118	7.494	ng/ul	98
24) Benzo(b)fluoranthene	23.192	252	591286	9.277	ng/ul	88
25) Benzo(k)fluoranthene	23.236	252	225206m	3.585	ng/ul	
26) Benzo(a)pyrene	23.818	252	376282	6.554	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.430	276	317560	3.971	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.444	278	83684	1.337	ng/ul	98
29) Benzo(g,h,i)perylene	27.205	276	293126	4.182	ng/ul	95

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

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