Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN026993.D
Acq On : 21 Aug 2023 15:17
Operator : MA/JU
Sample : 03967-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 22 01:38:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A48K2MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	6597	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	20541	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	12363	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.476	188	30788	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	24131	0.400	ng/ul	0.00
23) Perylene-d12	24.193	264	23781	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	2902	0.371	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	7862	0.260	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	20120	0.264	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.477	88	6787	0.849	ng/ul	96
5) Naphthalene	10.982	128	26473	0.456	ng/ul	100
7) 2-Methylnaphthalene	12.577	142	12273	0.349	ng/ul	99
8) 1-Methylnaphthalene	12.792	142	11610	0.315	ng/ul	100
10) Acenaphthylene	14.458	152	19488	0.281	ng/ul	99
11) Acenaphthene	14.791	153	14490	0.302	ng/ul	98
12) Fluorene	15.772	166	19777	0.365	ng/ul	100
14) Pentachlorophenol	17.101	266	491	0.056	ng/ul	97
15) Phenanthrene	17.519	178	199790	1.975	ng/ul	99
16) Anthracene	17.607	178	55762	0.610	ng/ul	100
19) Fluoranthene	19.520	202	369168	3.683	ng/ul	98
20) Pyrene	19.887	202	329932	3.085	ng/ul	97
21) Benzo(a)anthracene	21.629	228	173293	1.806	ng/ul	99
22) Chrysene	21.688	228	173959	1.836	ng/ul	98
24) Benzo(b)fluoranthene	23.404	252	201764m	2.243	ng/ul	
25) Benzo(k)fluoranthene	23.453	252	103740m	1.169	ng/ul	
26) Benzo(a)pyrene	24.076	252	137276	1.691	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.877	276	96015	0.904	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.904	278	33901	0.401	ng/ul	96
29) Benzo(g,h,i)perylene	27.716	276	89330	1.010	ng/ul	99

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

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