Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035638.D
Acq On : 17 Dec 2024 04:24
Operator : RC/JU
Sample : P5232-21MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S7MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 17 05:02:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.284	152	2541	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	7493	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5030	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	10685	0.400	ng/ul	0.00
17) Chrysene-d12	20.958	240	8569	0.400	ng/ul	0.00
23) Perylene-d12	23.045	264	10282	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	831	0.369	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	4913	0.460	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	13533	0.540	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.984	88	2291	1.007	ng/ul#	83
5) Naphthalene	10.080	128	12010	0.654	ng/ul	97
7) 2-Methylnaphthalene	11.708	142	9077	0.734	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	8268	0.645	ng/ul	100
10) Acenaphthylene	13.657	152	17778	0.912	ng/ul	99
11) Acenaphthene	14.009	153	7909	0.537	ng/ul	99
12) Fluorene	15.013	166	9386	0.548	ng/ul	100
14) Pentachlorophenol	16.375	266	3183	1.162	ng/ul	98
15) Phenanthrene	16.755	178	51980	1.944	ng/ul	98
16) Anthracene	16.844	178	22777	0.911	ng/ul	100
19) Fluoranthene	18.800	202	143261	4.675	ng/ul	96
20) Pyrene	19.163	202	117069	3.467	ng/ul	99
21) Benzo(a)anthracene	20.944	228	58031	2.042	ng/ul	96
22) Chrysene	20.996	228	75641	2.565	ng/ul	98
24) Benzo(b)fluoranthene	22.437	252	99725	3.291	ng/ul	87
25) Benzo(k)fluoranthene	22.475	252	41955	1.252	ng/ul#	92
26) Benzo(a)pyrene	22.954	252	59774m	2.037	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.074	276	58400	1.635	ng/ul#	69
28) Dibenzo(a,h)anthracene	25.091	278	22781m	0.835	ng/ul	
29) Benzo(g,h,i)perylene	25.688	276	53512	1.867	ng/ul#	92

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

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