Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036174.D
Acq On : 31 Jan 2025 18:51
Operator : RC/JU
Sample : Q1197-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 03 08:51:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
E2964MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	2367	0.400	ng/ul	#-0.02
4) Naphthalene-d8	10.583	136	5983m	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.451	164	22023m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.184	188	8866	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.371	240	13956	0.400	ng/ul	# 0.00
23) Perylene-d12	23.674	264	9730	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	660	0.255	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.184	152	4529	0.600	ng/ul	-0.02
18) Fluoranthene-d10	19.216	212	11520	0.300	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	2093	0.757	ng/ul#	1
5) Naphthalene	10.638	128	249972	15.166	ng/ul	98
7) 2-Methylnaphthalene	12.261	142	35803m	3.497	ng/ul	
8) 1-Methylnaphthalene	12.481	142	29864m	2.874	ng/ul	
10) Acenaphthylene	14.159	152	11358	0.109	ng/ul#	59
11) Acenaphthene	14.502	153	19584	0.256	ng/ul	95
12) Fluorene	15.487	166	14424	0.171	ng/ul#	88
14) Pentachlorophenol	16.842	266	4661	1.501	ng/ul	99
15) Phenanthrene	17.226	178	34742	1.338	ng/ul#	74
16) Anthracene	17.310	178	29919	1.240	ng/ul#	50
19) Fluoranthene	19.244	202	20937	0.395	ng/ul#	79
20) Pyrene	19.606	202	21692	0.392	ng/ul#	79
21) Benzo(a)anthracene	21.356	228	14655	0.294	ng/ul#	65
22) Chrysene	21.409	228	15798	0.310	ng/ul#	63
24) Benzo(b)fluoranthene	22.978	252	14227	0.438	ng/ul	75
25) Benzo(k)fluoranthene	23.025	252	13291	0.389	ng/ul#	73
26) Benzo(a)pyrene	23.569	252	12242	0.417	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.014	276	13836	0.357	ng/ul	99
28) Dibenzo(a,h)anthracene	26.031	278	11006	0.368	ng/ul#	83
29) Benzo(g,h,i)perylene	26.728	276	10336	0.343	ng/ul	93

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

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