Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035595.D
Acq On : 13 Dec 2024 13:54
Operator : RC/JU
Sample : P5153-18MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 13 15:30:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
E28Q4MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	2330	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.036	136	11250	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.953	164	5289	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	16.721	188	7071	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.982	240	5178	0.400	ng/ul	# 0.02
23) Perylene-d12	23.094	264	6225	0.400	ng/ul	# 0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	1704	0.800	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.642	152	2821	0.171	ng/ul	0.00
18) Fluoranthene-d10	18.781	212	6007	0.421	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.993	88	2921	1.264	ng/ul#	1
5) Naphthalene	10.086	128	36819	1.299	ng/ul	99
7) 2-Methylnaphthalene	11.714	142	48619	2.474	ng/ul	97
8) 1-Methylnaphthalene	11.939	142	16754	0.844	ng/ul	98
10) Acenaphthylene	13.666	152	11164	0.532	ng/ul#	79
11) Acenaphthene	14.013	153	4597	0.286	ng/ul	90
12) Fluorene	15.017	166	8766	0.465	ng/ul#	91
14) Pentachlorophenol	16.388	266	1328	0.806	ng/ul	96
15) Phenanthrene	16.764	178	81389	4.354	ng/ul	93
16) Anthracene	16.852	178	44826	2.584	ng/ul#	86
19) Fluoranthene	18.809	202	72073	3.998	ng/ul#	93
20) Pyrene	19.176	202	74001	3.944	ng/ul#	90
21) Benzo(a)anthracene	20.964	228	46195	2.571	ng/ul#	67
22) Chrysene	21.017	228	69697	3.855	ng/ul#	75
24) Benzo(b)fluoranthene	22.475	252	84913m	4.127	ng/ul	
25) Benzo(k)fluoranthene	22.510	252	29722m	1.401	ng/ul	
26) Benzo(a)pyrene	23.004	252	42013	2.234	ng/ul#	9
27) Indeno(1,2,3-cd)pyrene	25.155	276	49822	1.962	ng/ul#	1
28) Dibenzo(a,h)anthracene	25.165	278	16857m	0.847	ng/ul	
29) Benzo(g,h,i)perylene	25.778	276	61305	3.061	ng/ul#	66

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

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