Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035823.D
Acq On : 24 Dec 2024 16:06
Operator : RC/JU
Sample : P5376-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 24 23:19:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
RW10-MW01D-20241218

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	3352	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	8445	0.400	ng	#-0.01
13) Acenaphthene-d10	13.925	164	5463	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	11816	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	9968	0.400	ng	# 0.00
35) Perylene-d12	23.026	264	9568	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	842	0.100	ng	-0.01
5) Phenol-d6	6.477	99	482	0.048	ng	-0.01
8) Nitrobenzene-d5	8.408	82	1955m	0.379	ng	0.00
11) 2-Methylnaphthalene-d10	11.611	152	4421	0.335	ng	-0.01
14) 2,4,6-Tribromophenol	15.443	330	799	0.206	ng	-0.01
15) 2-Fluorobiphenyl	12.534	172	6936	0.336	ng	-0.01
27) Fluoranthene-d10	18.747	212	13295	0.397	ng	-0.01
31) Terphenyl-d14	19.379	244	9869	0.502	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.052	128	964	0.043	ng	# 77
12) 2-Methylnaphthalene	11.692	142	597	0.037	ng	# 76
16) Acenaphthylene	13.636	152	1063	0.046	ng	# 93
17) Acenaphthene	13.989	154	693	0.045	ng	99
18) Fluorene	14.994	166	956	0.044	ng	96
25) Phenanthrene	16.736	178	2183	0.067	ng	98
26) Anthracene	16.835	178	1383	0.047	ng	98
28) Fluoranthene	18.780	202	2251	0.051	ng	# 96
30) Pyrene	19.147	202	2504	0.068	ng	98
32) Benzo(a)anthracene	20.929	228	1508	0.043	ng	# 91
33) Chrysene	20.983	228	2026	0.056	ng	# 93
34) Bis(2-ethylhexyl)phtha...	20.893	149	1059	0.077	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.073	276	1384	0.037	ng	# 82
37) Benzo(b)fluoranthene	22.424	252	1754	0.050	ng	# 28
38) Benzo(k)fluoranthene	22.465	252	1557	0.045	ng	# 29
39) Benzo(a)pyrene	22.945	252	959	0.033	ng	# 1
40) Dibenzo(a,h)anthracene	25.085	278	1067	0.036	ng	# 11
41) Benzo(g,h,i)perylene	25.675	276	1130	0.037	ng	# 64

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

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