Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035824.D
Acq On : 24 Dec 2024 16:42
Operator : RC/JU
Sample : P5376-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20241218

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

Quant Time: Dec 24 23:19:48 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.257	152	3542	0.400	ng		-0.01
7) Naphthalene-d8	10.009	136	8575	0.400	ng		#-0.01
13) Acenaphthene-d10	13.925	164	5533	0.400	ng		-0.01
19) Phenanthrene-d10	16.698	188	11307	0.400	ng		# 0.00
29) Chrysene-d12	20.947	240	9270	0.400	ng		0.00
35) Perylene-d12	23.029	264	9119	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	4.924	112	827	0.093	ng		-0.01
5) Phenol-d6	6.477	99	397	0.037	ng		-0.01
8) Nitrobenzene-d5	8.397	82	1948m	0.372	ng		-0.01
11) 2-Methylnaphthalene-d10	11.611	152	4576	0.341	ng		-0.01
14) 2,4,6-Tribromophenol	15.443	330	766	0.195	ng		-0.01
15) 2-Fluorobiphenyl	12.528	172	7209	0.345	ng		-0.02
27) Fluoranthene-d10	18.747	212	12883	0.402	ng		-0.01
31) Terphenyl-d14	19.379	244	9501	0.520	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.982	88	493	0.146	ng	#	73
9) Naphthalene	10.052	128	803	0.036	ng	#	72
12) 2-Methylnaphthalene	11.687	142	502	0.031	ng	#	79
16) Acenaphthylene	13.636	152	877	0.038	ng		96
17) Acenaphthene	13.978	154	539	0.035	ng		98
18) Fluorene	14.994	166	778	0.035	ng		96
25) Phenanthrene	16.736	178	1755	0.057	ng		100
26) Anthracene	16.835	178	1113	0.040	ng		97
28) Fluoranthene	18.780	202	1804	0.043	ng	#	97
30) Pyrene	19.147	202	1807	0.053	ng		99
32) Benzo(a)anthracene	20.929	228	1100	0.034	ng	#	87
33) Chrysene	20.983	228	1514	0.045	ng	#	91
34) Bis(2-ethylhexyl)phtha...	20.893	149	988	0.077	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.073	276	1031m	0.029	ng		
37) Benzo(b)fluoranthene	22.424	252	1409	0.042	ng	#	22
38) Benzo(k)fluoranthene	22.465	252	1028	0.031	ng	#	18
39) Benzo(a)pyrene	22.945	252	820	0.030	ng	#	1
40) Dibenzo(a,h)anthracene	25.096	278	685	0.024	ng	#	1
41) Benzo(g,h,i)perylene	25.675	276	816	0.028	ng	#	50

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

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