Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035819.D
Acq On : 24 Dec 2024 13:44
Operator : RC/JU
Sample : P5376-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT174l1-20241218

Manual Integrations APPROVED

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

Quant Time: Dec 24 23:18:17 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	7.264	152	3689	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	8470	0.400	ng	-0.01
13) Acenaphthene-d10	13.924	164	5265	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	9421	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7347	0.400	ng	# 0.00
35) Perylene-d12	23.026	264	7210	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	1128	0.122	ng	-0.01
5) Phenol-d6	6.484	99	578	0.052	ng	0.00
8) Nitrobenzene-d5	8.407	82	2260m	0.437	ng	0.00
11) 2-Methylnaphthalene-d10	11.615	152	4896	0.369	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	747	0.200	ng	0.00
15) 2-Fluorobiphenyl	12.538	172	8403	0.422	ng	0.00
27) Fluoranthene-d10	18.752	212	11207	0.420	ng	0.00
31) Terphenyl-d14	19.379	244	8308	0.573	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	2834	0.804	ng	99
9) Naphthalene	10.052	128	2295	0.103	ng	# 90
12) 2-Methylnaphthalene	11.691	142	1434	0.090	ng	# 92
16) Acenaphthylene	13.636	152	2575	0.116	ng	99
17) Acenaphthene	13.988	154	1536	0.105	ng	96
18) Fluorene	14.993	166	1937	0.092	ng	99
25) Phenanthrene	16.735	178	3558	0.137	ng	99
26) Anthracene	16.835	178	2627	0.112	ng	99
28) Fluoranthene	18.780	202	3772	0.108	ng	99
30) Pyrene	19.147	202	3996	0.147	ng	100
32) Benzo(a)anthracene	20.929	228	2328	0.091	ng	95
33) Chrysene	20.982	228	3355	0.127	ng	96
34) Bis(2-ethylhexyl)phtha...	20.893	149	357	0.035	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.067	276	2032	0.072	ng	# 86
37) Benzo(b)fluoranthene	22.421	252	3012	0.114	ng	# 58
38) Benzo(k)fluoranthene	22.462	252	2589	0.100	ng	# 56
39) Benzo(a)pyrene	22.944	252	1842	0.085	ng	# 32
40) Dibenzo(a,h)anthracene	25.090	278	1565	0.070	ng	# 43
41) Benzo(g,h,i)perylene	25.672	276	1852	0.080	ng	# 78

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

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