Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035817.D
Acq On : 24 Dec 2024 12:33
Operator : RC/JU
Sample : P5376-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 24 23:17:43 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 :
TT149S1-20241218

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	2882	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	6877	0.400	ng	-0.01
13) Acenaphthene-d10	13.925	164	4352	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	9250	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	8129	0.400	ng	0.00
35) Perylene-d12	23.027	264	8126	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	816	0.113	ng	-0.01
5) Phenol-d6	6.477	99	466	0.054	ng	-0.01
8) Nitrobenzene-d5	8.408	82	1548m	0.369	ng	0.00
11) 2-Methylnaphthalene-d10	11.616	152	3542	0.329	ng	0.00
14) 2,4,6-Tribromophenol	15.443	330	609	0.197	ng	-0.01
15) 2-Fluorobiphenyl	12.534	172	5853	0.356	ng	-0.01
27) Fluoranthene-d10	18.748	212	10238	0.390	ng	-0.01
31) Terphenyl-d14	19.379	244	8867	0.553	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.982	88	759	0.275	ng	# 85
9) Naphthalene	10.052	128	1895	0.104	ng	# 86
12) 2-Methylnaphthalene	11.692	142	1157	0.089	ng	# 90
16) Acenaphthylene	13.636	152	1924	0.105	ng	98
17) Acenaphthene	13.989	154	1204	0.099	ng	99
18) Fluorene	14.994	166	1680	0.097	ng	99
25) Phenanthrene	16.736	178	3237	0.127	ng	100
26) Anthracene	16.835	178	2442	0.106	ng	98
28) Fluoranthene	18.780	202	3731	0.109	ng	99
30) Pyrene	19.147	202	4005	0.133	ng	99
32) Benzo(a)anthracene	20.929	228	2676	0.094	ng	95
33) Chrysene	20.983	228	3497	0.119	ng	97
34) Bis(2-ethylhexyl)phtha...	20.893	149	786	0.070	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.064	276	2211	0.070	ng	99
37) Benzo(b)fluoranthene	22.421	252	3364	0.113	ng	# 65
38) Benzo(k)fluoranthene	22.462	252	2940	0.100	ng	# 60
39) Benzo(a)pyrene	22.942	252	2085	0.085	ng	# 38
40) Dibenzo(a,h)anthracene	25.079	278	1701	0.068	ng	# 44
41) Benzo(g,h,i)perylene	25.667	276	1967	0.075	ng	# 84

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

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