Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035818.D
Acq On : 24 Dec 2024 13:08
Operator : RC/JU
Sample : P5376-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP-07-20241218

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

Quant Time: Dec 24 23:18:00 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	3045	0.400	ng		-0.01
7) Naphthalene-d8	10.009	136	7417	0.400	ng		#-0.01
13) Acenaphthene-d10	13.925	164	4769	0.400	ng		-0.01
19) Phenanthrene-d10	16.698	188	10054	0.400	ng		# 0.00
29) Chrysene-d12	20.947	240	8730	0.400	ng		0.00
35) Perylene-d12	23.026	264	8948	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	4.924	112	828	0.109	ng		-0.01
5) Phenol-d6	6.477	99	491	0.054	ng		-0.01
8) Nitrobenzene-d5	8.408	82	1728m	0.381	ng		0.00
11) 2-Methylnaphthalene-d10	11.611	152	4011	0.346	ng		-0.01
14) 2,4,6-Tribromophenol	15.443	330	736	0.217	ng		-0.01
15) 2-Fluorobiphenyl	12.534	172	6868	0.381	ng		-0.01
27) Fluoranthene-d10	18.747	212	11709	0.411	ng		-0.01
31) Terphenyl-d14	19.379	244	9932	0.577	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.982	88	761	0.261	ng		89
9) Naphthalene	10.052	128	2140	0.109	ng	#	90
12) 2-Methylnaphthalene	11.687	142	1347	0.096	ng	#	92
16) Acenaphthylene	13.636	152	2222	0.111	ng		98
17) Acenaphthene	13.978	154	1464	0.110	ng		99
18) Fluorene	14.994	166	2023	0.106	ng		99
25) Phenanthrene	16.736	178	3999	0.145	ng		98
26) Anthracene	16.835	178	3041	0.122	ng		99
28) Fluoranthene	18.780	202	4605	0.124	ng		98
30) Pyrene	19.147	202	4782	0.148	ng		99
32) Benzo(a)anthracene	20.929	228	3217	0.105	ng		95
33) Chrysene	20.983	228	4153	0.132	ng		98
34) Bis(2-ethylhexyl)phtha...	20.893	149	1111	0.092	ng		99
36) Indeno(1,2,3-cd)pyrene	25.064	276	2885	0.082	ng		97
37) Benzo(b)fluoranthene	22.418	252	5898	0.180	ng	#	67
38) Benzo(k)fluoranthene	22.459	252	3531m	0.110	ng		
39) Benzo(a)pyrene	22.942	252	2686	0.100	ng	#	49
40) Dibenzo(a,h)anthracene	25.085	278	2103	0.076	ng	#	58
41) Benzo(g,h,i)perylene	25.667	276	2516	0.087	ng	#	83

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

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