Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035838.D
Acq On : 25 Dec 2024 02:16
Operator : RC/JU
Sample : P5376-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT205S1-20241218

Manual Integrations APPROVED

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

Quant Time: Dec 25 03:17:08 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	3022	0.400	ng		-0.01
7) Naphthalene-d8	10.009	136	6837	0.400	ng		-0.01
13) Acenaphthene-d10	13.914	164	4139	0.400	ng		-0.02
19) Phenanthrene-d10	16.698	188	8193	0.400	ng		# 0.00
29) Chrysene-d12	20.938	240	6712	0.400	ng		#-0.02
35) Perylene-d12	23.024	264	6374	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	4.924	112	666	0.088	ng		-0.01
5) Phenol-d6	6.477	99	311	0.034	ng		-0.01
8) Nitrobenzene-d5	8.408	82	1632m	0.391	ng		0.00
11) 2-Methylnaphthalene-d10	11.616	152	3582	0.335	ng		0.00
14) 2,4,6-Tribromophenol	15.443	330	582	0.198	ng		-0.01
15) 2-Fluorobiphenyl	12.533	172	5815	0.372	ng		-0.01
27) Fluoranthene-d10	18.747	212	9424	0.406	ng		-0.01
31) Terphenyl-d14	19.375	244	7219	0.545	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.974	88	1304	0.451	ng		93
9) Naphthalene	10.052	128	3190	0.177	ng	#	93
12) 2-Methylnaphthalene	11.692	142	1988	0.154	ng	#	92
16) Acenaphthylene	13.636	152	2994	0.172	ng		98
17) Acenaphthene	13.978	154	1945	0.169	ng		99
18) Fluorene	14.994	166	2446	0.148	ng		100
25) Phenanthrene	16.736	178	4610	0.205	ng		100
26) Anthracene	16.835	178	3301	0.162	ng		99
28) Fluoranthene	18.775	202	5062	0.167	ng		99
30) Pyrene	19.142	202	5288	0.213	ng		99
32) Benzo(a)anthracene	20.929	228	3180	0.135	ng		97
33) Chrysene	20.974	228	4226	0.175	ng		98
34) Bis(2-ethylhexyl)phtha...	20.893	149	735	0.079	ng	#	95
36) Indeno(1,2,3-cd)pyrene	25.064	276	2647	0.106	ng		96
37) Benzo(b)fluoranthene	22.418	252	4473	0.192	ng	#	70
38) Benzo(k)fluoranthene	22.456	252	3695	0.161	ng	#	70
39) Benzo(a)pyrene	22.939	252	2381	0.124	ng	#	45
40) Dibenzo(a,h)anthracene	25.079	278	1748	0.089	ng	#	51
41) Benzo(g,h,i)perylene	25.667	276	2248	0.109	ng	#	81

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

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