Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051121\
Data File : BN014569.D
Acq On : 11 May 2021 19:20
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Manual Integrations APPROVED
mohammad
5/12/2021 2:05:33 PM

Quant Time: May 12 09:39:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 12 09:38:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.741	152	842	0.40	ng		# 0.00
7) Naphthalene-d8	10.530	136	2756	0.40	ng		# 0.00
13) Acenaphthene-d10	14.384	164	2058	0.40	ng		0.00
19) Phenanthrene-d10	17.140	188	4754	0.40	ng		0.01
29) Chrysene-d12	21.332	240	6608	0.40	ng		0.00
35) Perylene-d12	23.603	264	5951	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.333	112	9685	4.35	ng		0.00
5) Phenol-d6	6.903	99	13735	4.62	ng		0.00
8) Nitrobenzene-d5	8.883	82	12236	5.14	ng		0.00
11) 2-Methylnaphthalene-d10	12.120	152	33394	4.98	ng		0.00
14) 2,4,6-Tribromophenol	15.882	330	5230	5.47	ng		0.00
15) 2-Fluorobiphenyl	13.001	172	35669	4.73	ng		0.00
27) Fluoranthene-d10	19.171	212	107653	5.08	ng		0.00
31) Terphenyl-d14	19.776	244	74489	4.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.295	88	4554	3.55	ng		96
3) n-Nitrosodimethylamine	3.609	42	1929m	4.56	ng		
6) bis(2-Chloroethyl)ether	7.169	93	11459	4.66	ng		91
9) Naphthalene	10.568	128	35718	4.91	ng		98
10) Hexachlorobutadiene	10.873	225	8556	4.88	ng	#	100
12) 2-Methylnaphthalene	12.195	142	26469	5.00	ng	#	92
16) Acenaphthylene	14.105	152	40993	5.41	ng		99
17) Acenaphthene	14.448	154	28277	5.05	ng		95
18) Fluorene	15.437	166	36885	4.89	ng		100
21) 4-Bromophenyl-phenylether	16.337	248	14842	5.10	ng	#	91
22) Hexachlorobenzene	16.446	284	15244	4.94	ng		92
23) Atrazine	16.605	200	10575	5.71	ng		92
24) Pentachlorophenol	16.787	266	5909	5.76	ng	#	42
25) Phenanthrene	17.177	178	63666	4.88	ng		99
26) Anthracene	17.262	178	58870	5.37	ng		100
28) Fluoranthene	19.201	202	86967	5.03	ng		98
30) Pyrene	19.563	202	87420	4.82	ng		99
32) Benzo(a)anthracene	21.311	228	96563	5.03	ng		99
33) Chrysene	21.364	228	97673	4.86	ng		100
34) Bis(2-ethylhexyl)phtha...	21.258	149	28910	5.42	ng	#	79
36) Indeno(1,2,3-cd)pyrene	25.903	276	122503	5.12	ng	#	90
37) Benzo(b)fluoranthene	22.922	252	103739	5.11	ng	#	91
38) Benzo(k)fluoranthene	22.963	252	104803	4.98	ng	#	92
39) Benzo(a)pyrene	23.504	252	90564	5.28	ng	#	83
40) Dibenzo(a,h)anthracene	25.920	278	104783	5.12	ng	#	90
41) Benzo(g,h,i)perylene	26.598	276	99977	5.13	ng	#	90

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

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