Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025289.D
Acq On : 05 May 2023 21:25
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

Quant Time: May 08 02:33:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 02:26:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	6552	0.400	ng		0.00
7) Naphthalene-d8	10.718	136	19854	0.400	ng		-0.01
13) Acenaphthene-d10	14.555	164	13125	0.400	ng		0.00
19) Phenanthrene-d10	17.298	188	28580	0.400	ng		#-0.01
29) Chrysene-d12	21.504	240	30349	0.400	ng		0.00
35) Perylene-d12	23.943	264	32771	0.400	ng		# 0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.463	112	28634	1.795	ng		0.00
5) Phenol-d6	7.080	99	37241	1.861	ng		0.00
8) Nitrobenzene-d5	9.073	82	30173	1.851	ng		-0.02
11) 2-Methylnaphthalene-d10	12.309	152	49378	1.820	ng		0.00
14) 2,4,6-Tribromophenol	16.057	330	12651	1.885	ng		-0.01
15) 2-Fluorobiphenyl	13.176	172	82965	1.843	ng		-0.01
27) Fluoranthene-d10	19.338	212	127168	1.799	ng		0.00
31) Terphenyl-d14	19.932	244	111213	1.817	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	12073	1.755	ng		94
3) n-Nitrosodimethylamine	3.657	42	20288	1.931	ng	#	98
6) bis(2-Chloroethyl)ether	7.333	93	33215	1.882	ng		99
9) Naphthalene	10.771	128	90000	1.767	ng		98
10) Hexachlorobutadiene	11.049	225	16703	1.733	ng	#	98
12) 2-Methylnaphthalene	12.381	142	65583	1.821	ng		98
16) Acenaphthylene	14.277	152	107710	1.833	ng		99
17) Acenaphthene	14.619	154	65685	1.797	ng		100
18) Fluorene	15.603	166	89766	1.792	ng		100
20) 4,6-Dinitro-2-methylph...	15.710	198	8387	1.625	ng	#	24
21) 4-Bromophenyl-phenylether	16.492	248	29615	1.861	ng	#	81
22) Hexachlorobenzene	16.616	284	31194	1.814	ng		100
23) Atrazine	16.765	200	25250	1.811	ng	#	93
24) Pentachlorophenol	16.988	266	8590m	1.551	ng		
25) Phenanthrene	17.348	178	144797	1.831	ng		99
26) Anthracene	17.435	178	140081	1.891	ng		100
28) Fluoranthene	19.367	202	176442	1.786	ng		100
30) Pyrene	19.730	202	183061	1.764	ng		100
32) Benzo(a)anthracene	21.486	228	181718	1.771	ng		99
33) Chrysene	21.540	228	180301	1.766	ng		99
34) Bis(2-ethylhexyl)phtha...	21.396	149	132597	1.647	ng		99
36) Indeno(1,2,3-cd)pyrene	26.481	276	237378	1.804	ng		100
37) Benzo(b)fluoranthene	23.195	252	190299	1.832	ng	#	91
38) Benzo(k)fluoranthene	23.242	252	194624	1.782	ng	#	92
39) Benzo(a)pyrene	23.835	252	192625	1.810	ng	#	90
40) Dibenzo(a,h)anthracene	26.502	278	191136	1.833	ng		94
41) Benzo(g,h,i)perylene	27.265	276	203006	1.782	ng		97

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

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