Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
Data File : BN029114.D
Acq On : 08 Dec 2023 06:18
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 08 06:51:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.760	152	871	0.400	ng		-0.01
7) Naphthalene-d8	10.551	136	1780	0.400	ng		-0.01
13) Acenaphthene-d10	14.385	164	1240	0.400	ng		-0.01
19) Phenanthrene-d10	17.134	188	2800	0.400	ng		#-0.01
29) Chrysene-d12	21.347	240	1514	0.400	ng		# 0.00
35) Perylene-d12	23.658	264	1524	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.377	112	807	0.410	ng		-0.01
5) Phenol-d6	6.973	99	991	0.421	ng		0.00
8) Nitrobenzene-d5	8.939	82	802	0.373	ng		0.00
11) 2-Methylnaphthalene-d10	12.136	152	1227	0.328	ng		-0.01
14) 2,4,6-Tribromophenol	15.893	330	451	0.329	ng		0.00
15) 2-Fluorobiphenyl	13.017	172	2403	0.374	ng		-0.01
27) Fluoranthene-d10	19.176	212	2934m	0.333	ng		0.00
31) Terphenyl-d14	19.785	244	1642	0.428	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	251	0.358	ng		99
3) n-Nitrosodimethylamine	3.716	42	171	0.402	ng	#	82
6) bis(2-Chloroethyl)ether	7.219	93	662	0.397	ng		99
9) Naphthalene	10.594	128	2067	0.372	ng		98
10) Hexachlorobutadiene	10.861	225	791	0.323	ng	#	100
12) 2-Methylnaphthalene	12.208	142	1578	0.350	ng		99
16) Acenaphthylene	14.107	152	2774	0.406	ng		100
17) Acenaphthene	14.450	154	1755	0.410	ng		99
18) Fluorene	15.444	166	2634	0.386	ng		99
20) 4,6-Dinitro-2-methylph...	15.533	198	404	0.478	ng		93
21) 4-Bromophenyl-phenylether	16.340	248	991	0.391	ng	#	86
22) Hexachlorobenzene	16.426	284	1155	0.401	ng	#	89
23) Atrazine	16.637	200	815	0.365	ng		96
24) Pentachlorophenol	16.799	266	705	0.447	ng		97
25) Phenanthrene	17.184	178	3732	0.399	ng		98
26) Anthracene	17.271	178	3550	0.393	ng		99
28) Fluoranthene	19.204	202	4344	0.338	ng	#	99
30) Pyrene	19.571	202	4306	0.459	ng		100
32) Benzo(a)anthracene	21.329	228	2953	0.385	ng		98
33) Chrysene	21.383	228	2941	0.389	ng		97
34) Bis(2-ethylhexyl)phtha...	21.266	149	2465	0.521	ng		96
36) Indeno(1,2,3-cd)pyrene	26.032	276	3372	0.434	ng		96
37) Benzo(b)fluoranthene	22.953	252	3189	0.390	ng	#	90
38) Benzo(k)fluoranthene	23.000	252	3069	0.400	ng	#	88
39) Benzo(a)pyrene	23.555	252	2632	0.389	ng	#	84
40) Dibenzo(a,h)anthracene	26.049	278	2538	0.423	ng	#	86
41) Benzo(g,h,i)perylene	26.757	276	2904	0.443	ng	#	89

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

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