Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021823\
Data File : BN024073.D
Acq On : 17 Feb 2023 20:07
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

Quant Time: Feb 18 02:03:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 02:55:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.833	152	4565	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	11854	0.400	ng		0.00
13) Acenaphthene-d10	14.474	164	6997	0.400	ng		-0.01
19) Phenanthrene-d10	17.228	188	14791	0.400	ng		# 0.00
29) Chrysene-d12	21.423	240	10397	0.400	ng		# 0.00
35) Perylene-d12	23.800	264	7793	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	3670	0.387	ng		0.00
5) Phenol-d6	7.002	99	4474	0.400	ng		0.00
8) Nitrobenzene-d5	8.993	82	3755	0.395	ng		-0.01
11) 2-Methylnaphthalene-d10	12.227	152	6432	0.390	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	1114	0.309	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	11388	0.411	ng		0.00
27) Fluoranthene-d10	19.262	212	12597	0.351	ng		0.00
31) Terphenyl-d14	19.865	244	8283	0.427	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	1821	0.420	ng		97
3) n-Nitrosodimethylamine	3.600	42	1977	0.408	ng		96
6) bis(2-Chloroethyl)ether	7.255	93	4789	0.428	ng		99
9) Naphthalene	10.680	128	12067	0.408	ng		99
10) Hexachlorobutadiene	10.968	225	3149	0.406	ng	#	100
12) 2-Methylnaphthalene	12.299	142	7914	0.402	ng		99
16) Acenaphthylene	14.196	152	10128	0.372	ng		99
17) Acenaphthene	14.538	154	7532	0.406	ng		99
18) Fluorene	15.532	166	10057	0.400	ng		99
20) 4,6-Dinitro-2-methylph...	15.618	198	652	0.382	ng	#	55
21) 4-Bromophenyl-phenylether	16.421	248	3725	0.387	ng	#	91
22) Hexachlorobenzene	16.533	284	4729	0.409	ng		97
23) Atrazine	16.694	200	2183	0.347	ng		96
24) Pentachlorophenol	16.881	266	1140	0.371	ng		95
25) Phenanthrene	17.265	178	16009	0.392	ng		99
26) Anthracene	17.365	178	12328	0.367	ng		100
28) Fluoranthene	19.296	202	16606	0.355	ng		99
30) Pyrene	19.658	202	16292	0.452	ng		99
32) Benzo(a)anthracene	21.405	228	12209	0.367	ng		99
33) Chrysene	21.459	228	14467	0.403	ng		99
34) Bis(2-ethylhexyl)phtha...	21.325	149	5070	0.333	ng		99
36) Indeno(1,2,3-cd)pyrene	26.253	276	13965	0.394	ng		99
37) Benzo(b)fluoranthene	23.072	252	12476	0.396	ng	#	96
38) Benzo(k)fluoranthene	23.122	252	12694m	0.407	ng		
39) Benzo(a)pyrene	23.695	252	9255	0.387	ng	#	93
40) Dibenzo(a,h)anthracene	26.268	278	11035	0.389	ng		99
41) Benzo(g,h,i)perylene	27.007	276	12353	0.411	ng		98

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

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