Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
Data File : BN029058.D
Acq On : 06 Dec 2023 16:36
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 06 17:07:58 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	7.775	152	976	0.400	ng		0.00
7) Naphthalene-d8	10.551	136	1989	0.400	ng		#-0.01
13) Acenaphthene-d10	14.396	164	1525	0.400	ng		0.00
19) Phenanthrene-d10	17.146	188	3943	0.400	ng		0.00
29) Chrysene-d12	21.347	240	2917	0.400	ng		# 0.00
35) Perylene-d12	23.669	264	2920	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	842	0.381	ng		0.00
5) Phenol-d6	6.980	99	981	0.372	ng		0.00
8) Nitrobenzene-d5	8.939	82	782	0.326	ng		0.00
11) 2-Methylnaphthalene-d10	12.144	152	1409	0.337	ng		0.00
14) 2,4,6-Tribromophenol	15.893	330	573	0.340	ng		0.00
15) 2-Fluorobiphenyl	13.028	172	2912	0.369	ng		0.00
27) Fluoranthene-d10	19.185	212	4290	0.346	ng		0.00
31) Terphenyl-d14	19.794	244	2667	0.361	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	271	0.345	ng		95
3) n-Nitrosodimethylamine	3.716	42	216m	0.453	ng		
6) bis(2-Chloroethyl)ether	7.233	93	650	0.348	ng		97
9) Naphthalene	10.605	128	2213	0.357	ng		96
10) Hexachlorobutadiene	10.872	225	974	0.356	ng	#	99
12) 2-Methylnaphthalene	12.219	142	1725	0.342	ng		100
16) Acenaphthylene	14.118	152	3071	0.366	ng		100
17) Acenaphthene	14.460	154	2007	0.381	ng		99
18) Fluorene	15.444	166	3085	0.367	ng		99
20) 4,6-Dinitro-2-methylph...	15.545	198	449	0.377	ng		93
21) 4-Bromophenyl-phenylether	16.352	248	1329	0.373	ng		98
22) Hexachlorobenzene	16.439	284	1553	0.383	ng		97
23) Atrazine	16.637	200	1106	0.351	ng		95
24) Pentachlorophenol	16.799	266	880	0.396	ng		99
25) Phenanthrene	17.184	178	4784	0.363	ng		99
26) Anthracene	17.283	178	4512	0.355	ng		100
28) Fluoranthene	19.213	202	6543	0.362	ng		100
30) Pyrene	19.576	202	6688	0.370	ng		99
32) Benzo(a)anthracene	21.329	228	5266	0.356	ng		100
33) Chrysene	21.383	228	5465	0.375	ng		99
34) Bis(2-ethylhexyl)phtha...	21.275	149	3134	0.344	ng		100
36) Indeno(1,2,3-cd)pyrene	26.046	276	5556	0.373	ng		99
37) Benzo(b)fluoranthene	22.962	252	5794	0.370	ng		95
38) Benzo(k)fluoranthene	23.012	252	5397	0.367	ng	#	96
39) Benzo(a)pyrene	23.567	252	4777	0.368	ng		93
40) Dibenzo(a,h)anthracene	26.076	278	4207	0.366	ng		93
41) Benzo(g,h,i)perylene	26.771	276	4767	0.379	ng	#	97

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

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