Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120221\
Data File : BN017682.D
Acq On : 02 Dec 2021 14:22
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021

Quant Time: Dec 02 15:28:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 02 01:51:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.727	152	17682	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	72901	0.400	ng		# 0.00
13) Acenaphthene-d10	14.346	164	44239	0.400	ng		-0.01
19) Phenanthrene-d10	17.092	188	88939	0.400	ng		#-0.01
29) Chrysene-d12	21.293	240	93349	0.400	ng		0.01
35) Perylene-d12	23.592	264	93078	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.320	112	17321	0.431	ng		-0.03
5) Phenol-d6	6.897	99	18368	0.433	ng		0.00
8) Nitrobenzene-d5	8.862	82	14714m	0.475	ng		-0.01
11) 2-Methylnaphthalene-d10	12.102	152	52108	0.410	ng		0.00
14) 2,4,6-Tribromophenol	15.843	330	8407	0.428	ng		0.00
15) 2-Fluorobiphenyl	12.976	172	67291	0.391	ng		-0.01
27) Fluoranthene-d10	19.134	212	112397	0.404	ng		0.00
31) Terphenyl-d14	19.739	244	78153	0.382	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.282	88	3813m	0.321	ng		
3) n-Nitrosodimethylamine	3.596	42	7309	0.440	ng	#	96
6) bis(2-Chloroethyl)ether	7.155	93	18427	0.374	ng		96
9) Naphthalene	10.547	128	71998	0.392	ng		99
10) Hexachlorobutadiene	10.852	225	20897	0.412	ng	#	100
12) 2-Methylnaphthalene	12.173	142	49702	0.410	ng		98
16) Acenaphthylene	14.067	152	67248	0.390	ng		100
17) Acenaphthene	14.410	154	45218	0.379	ng		100
18) Fluorene	15.399	166	57795	0.399	ng		100
20) 4,6-Dinitro-2-methylph...	15.488	198	470	0.174	ng	#	54
21) 4-Bromophenyl-phenylether	16.301	248	20949	0.384	ng	#	61
22) Hexachlorobenzene	16.410	284	26093	0.394	ng	#	91
23) Atrazine	16.569	200	13097	0.439	ng		99
24) Pentachlorophenol	16.763	266	7540	0.414	ng		100
25) Phenanthrene	17.141	178	92222	0.378	ng		100
26) Anthracene	17.226	178	80954	0.386	ng		100
28) Fluoranthene	19.164	202	112448	0.407	ng	#	97
30) Pyrene	19.526	202	111373	0.370	ng		100
32) Benzo(a)anthracene	21.271	228	110246	0.389	ng		99
33) Chrysene	21.324	228	113077	0.367	ng		99
34) Bis(2-ethylhexyl)phtha...	21.218	149	36220	0.539	ng		94
36) Indeno(1,2,3-cd)pyrene	25.950	276	120689	0.399	ng	#	94
37) Benzo(b)fluoranthene	22.897	252	111357m	0.361	ng		
38) Benzo(k)fluoranthene	22.942	252	116875	0.369	ng	#	98
39) Benzo(a)pyrene	23.489	252	104140	0.377	ng	#	97
40) Dibenzo(a,h)anthracene	25.967	278	95891	0.388	ng		97
41) Benzo(g,h,i)perylene	26.662	276	106630	0.420	ng	#	94

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

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