Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
Data File : BN023027.D
Acq On : 01 Dec 2022 20:25
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

Quant Time: Dec 02 01:46:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 01:41:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.057	152	6293	0.400	ng		0.00
7) Naphthalene-d8	10.872	136	16957	0.400	ng		#-0.01
13) Acenaphthene-d10	14.698	164	8597	0.400	ng		0.00
19) Phenanthrene-d10	17.439	188	16933	0.400	ng		0.00
29) Chrysene-d12	21.625	240	9507	0.400	ng		0.00
35) Perylene-d12	24.100	264	6699	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.594	112	5048	0.309	ng		0.00
5) Phenol-d6	7.204	99	6622	0.318	ng		0.00
8) Nitrobenzene-d5	9.217	82	4882	0.371	ng		-0.01
11) 2-Methylnaphthalene-d10	12.458	152	14017	0.381	ng		0.00
14) 2,4,6-Tribromophenol	16.186	330	1180	0.284	ng		0.00
15) 2-Fluorobiphenyl	13.319	172	15021	0.382	ng		-0.01
27) Fluoranthene-d10	19.464	212	16506	0.359	ng		0.00
31) Terphenyl-d14	20.058	244	7920	0.355	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.442	88	2749	0.344	ng		98
3) n-Nitrosodimethylamine	3.774	42	2833	0.329	ng	#	88
6) bis(2-Chloroethyl)ether	7.472	93	7262	0.371	ng		98
9) Naphthalene	10.925	128	18978	0.363	ng		100
10) Hexachlorobutadiene	11.213	225	3991	0.372	ng	#	99
12) 2-Methylnaphthalene	12.148	142	3021	0.283	ng	#	97
16) Acenaphthylene	14.410	152	14484m	0.318	ng		
17) Acenaphthene	14.752	154	10823	0.361	ng		97
18) Fluorene	15.739	166	12979	0.338	ng		98
20) 4,6-Dinitro-2-methylph...	15.801	198	731	0.386	ng		93
21) 4-Bromophenyl-phenylether	16.632	248	4153	0.340	ng	#	79
22) Hexachlorobenzene	16.744	284	5741	0.385	ng		96
23) Atrazine	16.893	200	2544	0.295	ng	#	92
24) Pentachlorophenol	17.079	266	1203	0.295	ng		100
25) Phenanthrene	17.476	178	21558	0.366	ng		100
26) Anthracene	17.576	178	16487	0.323	ng		100
28) Fluoranthene	19.494	202	20236	0.323	ng		98
30) Pyrene	19.856	202	19418	0.392	ng		100
32) Benzo(a)anthracene	21.607	228	13103	0.341	ng		99
33) Chrysene	21.661	228	15427	0.387	ng		99
34) Bis(2-ethylhexyl)phtha...	21.527	149	5800	0.376	ng		98
36) Indeno(1,2,3-cd)pyrene	26.702	276	12967	0.467	ng		96
37) Benzo(b)fluoranthene	23.343	252	12518	0.419	ng	#	91
38) Benzo(k)fluoranthene	23.390	252	12513	0.386	ng	#	94
39) Benzo(a)pyrene	23.992	252	8832	0.387	ng	#	83
40) Dibenzo(a,h)anthracene	26.723	278	10315	0.467	ng		95
41) Benzo(g,h,i)perylene	27.494	276	10252	0.431	ng		94

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

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