Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021523\
Data File : BN024025.D
Acq On : 14 Feb 2023 16:11
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 15 02:58:09 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

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.833	152	3723	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	9460	0.400	ng		# 0.00
13) Acenaphthene-d10	14.484	164	5723	0.400	ng		0.00
19) Phenanthrene-d10	17.228	188	12909	0.400	ng		# 0.00
29) Chrysene-d12	21.428	240	10079	0.400	ng		0.00
35) Perylene-d12	23.819	264	7116	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	2915	0.377	ng		0.00
5) Phenol-d6	7.002	99	3434	0.377	ng		0.00
8) Nitrobenzene-d5	9.003	82	2930	0.386	ng		0.00
11) 2-Methylnaphthalene-d10	12.234	152	5110	0.389	ng		0.00
14) 2,4,6-Tribromophenol	15.987	330	973	0.330	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	9210	0.407	ng		0.00
27) Fluoranthene-d10	19.266	212	11868	0.379	ng		0.00
31) Terphenyl-d14	19.865	244	7947	0.422	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	1482	0.420	ng		98
3) n-Nitrosodimethylamine	3.608	42	1402	0.354	ng	#	99
6) bis(2-Chloroethyl)ether	7.262	93	3839	0.421	ng		99
9) Naphthalene	10.690	128	9645	0.409	ng		99
10) Hexachlorobutadiene	10.968	225	2608	0.421	ng	#	99
12) 2-Methylnaphthalene	12.306	142	6321	0.403	ng		98
16) Acenaphthylene	14.206	152	8222	0.369	ng		99
17) Acenaphthene	14.549	154	6123	0.404	ng		99
18) Fluorene	15.532	166	8266	0.402	ng		99
20) 4,6-Dinitro-2-methylph...	15.628	198	602	0.393	ng	#	82
21) 4-Bromophenyl-phenylether	16.421	248	3162	0.377	ng	#	78
22) Hexachlorobenzene	16.533	284	4110	0.407	ng		98
23) Atrazine	16.707	200	1945	0.354	ng		99
24) Pentachlorophenol	16.893	266	1086	0.390	ng		97
25) Phenanthrene	17.278	178	13937	0.391	ng		99
26) Anthracene	17.365	178	10767	0.367	ng		99
28) Fluoranthene	19.296	202	15583	0.382	ng		100
30) Pyrene	19.663	202	15385	0.440	ng		99
32) Benzo(a)anthracene	21.410	228	11879	0.368	ng		98
33) Chrysene	21.464	228	14467	0.416	ng		98
34) Bis(2-ethylhexyl)phtha...	21.338	149	5250	0.356	ng		100
36) Indeno(1,2,3-cd)pyrene	26.293	276	12113	0.375	ng		99
37) Benzo(b)fluoranthene	23.091	252	12200m	0.424	ng		
38) Benzo(k)fluoranthene	23.138	252	11780	0.414	ng	#	95
39) Benzo(a)pyrene	23.717	252	8448	0.387	ng	#	92
40) Dibenzo(a,h)anthracene	26.313	278	9720	0.376	ng		97
41) Benzo(g,h,i)perylene	27.062	276	10810	0.394	ng		97

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

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