Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
Data File : BN024960.D
Acq On : 17 Apr 2023 17:57
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 18 05:31:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 05:29:26 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
04/18/2023
Supervised By :Jagrut Upadhyay
04/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.940	152	7780	0.400	ng		0.00
7) Naphthalene-d8	10.750	136	23086	0.400	ng		0.00
13) Acenaphthene-d10	14.577	164	13377	0.400	ng		0.00
19) Phenanthrene-d10	17.323	188	29948	0.400	ng		0.00
29) Chrysene-d12	21.522	240	24342	0.400	ng		0.00
35) Perylene-d12	23.973	264	20050	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.492	112	7793	0.434	ng		0.00
5) Phenol-d6	7.102	99	9931	0.438	ng		0.00
8) Nitrobenzene-d5	9.106	82	7930	0.426	ng		0.00
11) 2-Methylnaphthalene-d10	12.336	152	13892	0.454	ng		0.00
14) 2,4,6-Tribromophenol	16.070	330	2419	0.402	ng		0.00
15) 2-Fluorobiphenyl	13.208	172	22844	0.447	ng		0.00
27) Fluoranthene-d10	19.359	212	30215	0.445	ng		0.00
31) Terphenyl-d14	19.954	244	27943	0.506	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.347	88	3931m	0.460	ng		
3) n-Nitrosodimethylamine	3.679	42	5963	0.411	ng	#	99
6) bis(2-Chloroethyl)ether	7.362	93	9718	0.423	ng		99
9) Naphthalene	10.793	128	26706	0.449	ng		99
10) Hexachlorobutadiene	11.081	225	5021	0.443	ng	#	98
12) 2-Methylnaphthalene	12.408	142	18497	0.447	ng		99
16) Acenaphthylene	14.299	152	24524	0.436	ng		99
17) Acenaphthene	14.641	154	17114	0.450	ng		99
18) Fluorene	15.624	166	23845	0.457	ng		100
20) 4,6-Dinitro-2-methylph...	15.710	198	1256	0.399	ng		89
21) 4-Bromophenyl-phenylether	16.517	248	7501	0.425	ng		98
22) Hexachlorobenzene	16.628	284	8698	0.435	ng		99
23) Atrazine	16.790	200	4768	0.396	ng		98
24) Pentachlorophenol	16.976	266	2669	0.526	ng		94
25) Phenanthrene	17.361	178	37557	0.432	ng		100
26) Anthracene	17.460	178	31678	0.418	ng		100
28) Fluoranthene	19.389	202	42513	0.431	ng		99
30) Pyrene	19.751	202	43250	0.500	ng		100
32) Benzo(a)anthracene	21.504	228	34141	0.415	ng		99
33) Chrysene	21.558	228	39002	0.452	ng		99
34) Bis(2-ethylhexyl)phtha...	21.423	149	15684	0.355	ng		99
36) Indeno(1,2,3-cd)pyrene	26.534	276	32753	0.373	ng		97
37) Benzo(b)fluoranthene	23.221	252	34148	0.449	ng		97
38) Benzo(k)fluoranthene	23.271	252	33183	0.440	ng		99
39) Benzo(a)pyrene	23.868	252	30251	0.416	ng		94
40) Dibenzo(a,h)anthracene	26.554	278	26397	0.382	ng		97
41) Benzo(g,h,i)perylene	27.320	276	28408	0.379	ng		99

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

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