Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022959.D
Acq On : 29 Nov 2022 18:55
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

Quant Time: Nov 30 00:23:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 05:14:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.064	152	6861	0.400	ng		0.00
7) Naphthalene-d8	10.883	136	17259	0.400	ng		0.00
13) Acenaphthene-d10	14.698	164	7814	0.400	ng		0.00
19) Phenanthrene-d10	17.439	188	14639	0.400	ng		#-0.01
29) Chrysene-d12	21.625	240	9758	0.400	ng		# 0.00
35) Perylene-d12	24.115	264	7748	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.601	112	6377	0.358	ng		0.00
5) Phenol-d6	7.212	99	8055	0.355	ng		0.00
8) Nitrobenzene-d5	9.228	82	5497	0.410	ng		0.00
11) 2-Methylnaphthalene-d10	12.465	152	13694	0.366	ng		0.00
14) 2,4,6-Tribromophenol	16.186	330	1167	0.309	ng		0.00
15) 2-Fluorobiphenyl	13.330	172	16410	0.459	ng		0.00
27) Fluoranthene-d10	19.473	212	14399	0.362	ng		0.00
31) Terphenyl-d14	20.067	244	8962	0.391	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	3526	0.405	ng		98
3) n-Nitrosodimethylamine	3.774	42	3450	0.368	ng		93
6) bis(2-Chloroethyl)ether	7.479	93	8789	0.412	ng		99
9) Naphthalene	10.936	128	21832	0.411	ng		100
10) Hexachlorobutadiene	11.224	225	4770	0.437	ng	#	100
12) 2-Methylnaphthalene	12.151	142	3117	0.287	ng	#	98
16) Acenaphthylene	14.420	152	15047m	0.364	ng		
17) Acenaphthene	14.762	154	11181	0.411	ng		98
18) Fluorene	15.739	166	13612	0.390	ng		98
20) 4,6-Dinitro-2-methylph...	15.813	198	572	0.350	ng	#	86
21) 4-Bromophenyl-phenylether	16.632	248	4175	0.395	ng		99
22) Hexachlorobenzene	16.757	284	5690	0.441	ng		99
23) Atrazine	16.893	200	2368	0.318	ng		96
24) Pentachlorophenol	17.092	266	1130	0.320	ng		98
25) Phenanthrene	17.489	178	20896	0.411	ng		100
26) Anthracene	17.576	178	16229	0.367	ng		100
28) Fluoranthene	19.502	202	20073	0.371	ng		99
30) Pyrene	19.865	202	19547	0.385	ng		100
32) Benzo(a)anthracene	21.607	228	14650	0.372	ng		98
33) Chrysene	21.661	228	17688	0.433	ng		99
34) Bis(2-ethylhexyl)phtha...	21.536	149	6068	0.383	ng		98
36) Indeno(1,2,3-cd)pyrene	26.720	276	16904	0.526	ng		97
37) Benzo(b)fluoranthene	23.354	252	14939	0.432	ng	#	93
38) Benzo(k)fluoranthene	23.404	252	16283	0.435	ng		96
39) Benzo(a)pyrene	24.004	252	10644	0.403	ng	#	91
40) Dibenzo(a,h)anthracene	26.743	278	13994	0.548	ng		95
41) Benzo(g,h,i)perylene	27.521	276	14156	0.515	ng		97

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

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