Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022927.D
Acq On : 28 Nov 2022 21:49
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/01/2022

Quant Time: Nov 29 05:22:51 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	7972	0.400	ng		0.00
7) Naphthalene-d8	10.883	136	21343	0.400	ng		0.00
13) Acenaphthene-d10	14.698	164	10877	0.400	ng		0.00
19) Phenanthrene-d10	17.452	188	21563	0.400	ng	#	0.00
29) Chrysene-d12	21.634	240	15185	0.400	ng		0.00
35) Perylene-d12	24.123	264	12324	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.601	112	8071	0.390	ng		0.00
5) Phenol-d6	7.212	99	10150	0.385	ng		0.00
8) Nitrobenzene-d5	9.228	82	6706	0.404	ng		0.00
11) 2-Methylnaphthalene-d10	12.469	152	17489	0.378	ng		0.00
14) 2,4,6-Tribromophenol	16.186	330	1775	0.338	ng		0.00
15) 2-Fluorobiphenyl	13.330	172	21484	0.432	ng		0.00
27) Fluoranthene-d10	19.477	212	22077	0.377	ng		0.00
31) Terphenyl-d14	20.067	244	14277	0.400	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	4056	0.401	ng		98
3) n-Nitrosodimethylamine	3.774	42	3776	0.346	ng		97
6) bis(2-Chloroethyl)ether	7.479	93	10262	0.414	ng		99
9) Naphthalene	10.936	128	26634	0.405	ng		99
10) Hexachlorobutadiene	11.224	225	5484	0.406	ng	#	99
12) 2-Methylnaphthalene	12.155	142	4427	0.330	ng		99
16) Acenaphthylene	14.420	152	21031m	0.365	ng		
17) Acenaphthene	14.762	154	15290	0.404	ng		99
18) Fluorene	15.751	166	18411	0.379	ng		99
20) 4,6-Dinitro-2-methylph...	15.813	198	868	0.360	ng	#	80
21) 4-Bromophenyl-phenylether	16.645	248	6298	0.405	ng	#	76
22) Hexachlorobenzene	16.757	284	7947	0.418	ng		100
23) Atrazine	16.906	200	3691	0.336	ng	#	89
24) Pentachlorophenol	17.092	266	1860	0.358	ng		97
25) Phenanthrene	17.489	178	30021	0.400	ng		100
26) Anthracene	17.576	178	24578	0.378	ng		100
28) Fluoranthene	19.507	202	30230	0.379	ng		100
30) Pyrene	19.869	202	29787	0.377	ng		100
32) Benzo(a)anthracene	21.616	228	23267	0.379	ng		100
33) Chrysene	21.670	228	26501	0.416	ng		99
34) Bis(2-ethylhexyl)phtha...	21.545	149	9187	0.373	ng		98
36) Indeno(1,2,3-cd)pyrene	26.731	276	24364	0.476	ng		99
37) Benzo(b)fluoranthene	23.357	252	22346	0.406	ng		98
38) Benzo(k)fluoranthene	23.410	252	24114	0.405	ng		99
39) Benzo(a)pyrene	24.009	252	16388	0.390	ng		96
40) Dibenzo(a,h)anthracene	26.755	278	20272	0.499	ng		98
41) Benzo(g,h,i)perylene	27.529	276	20972	0.479	ng		99

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

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