Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
Data File : BN018132.D
Acq On : 20 Dec 2021 21:03
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 20 21:32:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 20 14:16:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.670	152	24016	0.400	ng		0.00
7) Naphthalene-d8	10.445	136	96406	0.400	ng		0.00
13) Acenaphthene-d10	14.294	164	55918	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	103861	0.400	ng		0.00
29) Chrysene-d12	21.227	240	77890	0.400	ng		0.00
35) Perylene-d12	23.481	264	55672	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.273	112	21548	0.414	ng		0.00
5) Phenol-d6	6.859	99	21213	0.406	ng		0.00
8) Nitrobenzene-d5	8.810	82	21984	0.321	ng		0.00
11) 2-Methylnaphthalene-d10	12.038	152	60490	0.378	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	6767	0.380	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	75127	0.386	ng		0.00
27) Fluoranthene-d10	19.073	212	119885	0.346	ng		0.00
31) Terphenyl-d14	19.678	244	76228	0.470	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	6825	0.456	ng	#	57
3) n-Nitrosodimethylamine	3.548	42	8624	0.385	ng		98
6) bis(2-Chloroethyl)ether	7.098	93	24460	0.397	ng		100
9) Naphthalene	10.495	128	91035	0.376	ng		100
10) Hexachlorobutadiene	10.787	225	24854	0.373	ng	#	100
12) 2-Methylnaphthalene	12.114	142	57738	0.382	ng		100
16) Acenaphthylene	14.015	152	73017	0.316	ng		100
17) Acenaphthene	14.357	154	55108	0.375	ng		100
18) Fluorene	15.347	166	65880	0.365	ng		100
20) 4,6-Dinitro-2-methylph...	15.461	198	262	0.230	ng	#	20
21) 4-Bromophenyl-phenylether	16.239	248	22772	0.362	ng	#	88
22) Hexachlorobenzene	16.348	284	29914	0.398	ng		100
23) Atrazine	16.506	200	12966	0.320	ng		98
24) Pentachlorophenol	16.713	266	3302	0.405	ng		98
25) Phenanthrene	17.078	178	102946	0.389	ng		100
26) Anthracene	17.164	178	80627	0.338	ng		100
28) Fluoranthene	19.098	202	119478	0.363	ng		100
30) Pyrene	19.460	202	117539	0.460	ng		100
32) Benzo(a)anthracene	21.217	228	74066	0.316	ng		100
33) Chrysene	21.259	228	99933	0.400	ng		99
34) Bis(2-ethylhexyl)phtha...	21.153	149	33945	0.295	ng		99
36) Indeno(1,2,3-cd)pyrene	25.781	276	37065	0.199	ng		100
37) Benzo(b)fluoranthene	22.803	252	71979m	0.435	ng		
38) Benzo(k)fluoranthene	22.844	252	62866	0.390	ng		99
39) Benzo(a)pyrene	23.385	252	61176	0.363	ng	#	84
40) Dibenzo(a,h)anthracene	25.802	278	23852	0.164	ng		96
41) Benzo(g,h,i)perylene	26.476	276	38107	0.219	ng		99

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

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