Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN018009.D
Acq On : 14 Dec 2021 18:18
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021

Quant Time: Dec 15 02:20:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 01:08:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.688	152	37142	0.400	ng		0.00
7) Naphthalene-d8	10.470	136	150473	0.400	ng		0.00
13) Acenaphthene-d10	14.319	164	89510	0.400	ng		0.00
19) Phenanthrene-d10	17.066	188	183347	0.400	ng		0.00
29) Chrysene-d12	21.270	240	191709	0.400	ng	#	0.00
35) Perylene-d12	23.546	264	188365	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	34540	0.429	ng		0.00
5) Phenol-d6	6.867	99	35442	0.439	ng		0.00
8) Nitrobenzene-d5	8.822	82	37116	0.348	ng		-0.01
11) 2-Methylnaphthalene-d10	12.065	152	97530	0.391	ng		0.00
14) 2,4,6-Tribromophenol	15.816	330	16546	0.481	ng		0.00
15) 2-Fluorobiphenyl	12.949	172	125069	0.401	ng		0.00
27) Fluoranthene-d10	19.102	212	233059	0.381	ng		0.00
31) Terphenyl-d14	19.713	244	156974	0.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.235	88	8918m	0.385	ng		
3) n-Nitrosodimethylamine	3.557	42	12852	0.371	ng		99
6) bis(2-Chloroethyl)ether	7.116	93	38390	0.403	ng		99
9) Naphthalene	10.508	128	143424	0.380	ng		99
10) Hexachlorobutadiene	10.812	225	39253	0.378	ng	#	100
12) 2-Methylnaphthalene	12.136	142	93532	0.397	ng		99
16) Acenaphthylene	14.027	152	131666	0.356	ng		100
17) Acenaphthene	14.383	154	90334	0.384	ng		98
18) Fluorene	15.372	166	113440	0.393	ng		100
20) 4,6-Dinitro-2-methylph...	15.474	198	2894	0.344	ng		95
21) 4-Bromophenyl-phenylether	16.263	248	41447	0.373	ng	#	89
22) Hexachlorobenzene	16.384	284	49554	0.374	ng		100
23) Atrazine	16.543	200	27783	0.371	ng		97
24) Pentachlorophenol	16.737	266	13021	0.596	ng		99
25) Phenanthrene	17.102	178	184406	0.395	ng		100
26) Anthracene	17.200	178	157942	0.375	ng		100
28) Fluoranthene	19.132	202	230517	0.396	ng		100
30) Pyrene	19.494	202	235802	0.375	ng		100
32) Benzo(a)anthracene	21.248	228	229000	0.397	ng		99
33) Chrysene	21.301	228	234372	0.381	ng		99
34) Bis(2-ethylhexyl)phtha...	21.195	149	101863	0.360	ng		100
36) Indeno(1,2,3-cd)pyrene	25.880	276	240299	0.381	ng		100
37) Benzo(b)fluoranthene	22.854	252	229472	0.410	ng		100
38) Benzo(k)fluoranthene	22.902	252	228905	0.419	ng		100
39) Benzo(a)pyrene	23.443	252	219342	0.385	ng		100
40) Dibenzo(a,h)anthracene	25.901	278	188647	0.384	ng		99
41) Benzo(g,h,i)perylene	26.592	276	205129	0.348	ng		100

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

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