Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112321\
Data File : BN017559.D
Acq On : 23 Nov 2021 00:22
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Nov 23 03:02:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 14:57:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.865	152	30104	0.400	ng		0.00
7) Naphthalene-d8	10.649	136	136769	0.400	ng		#-0.01
13) Acenaphthene-d10	14.473	164	73823	0.400	ng		-0.01
19) Phenanthrene-d10	17.226	188	143048	0.400	ng		0.00
29) Chrysene-d12	21.410	240	127947	0.400	ng		# 0.00
35) Perylene-d12	23.777	264	101402	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.440	112	31084	0.417	ng		0.00
5) Phenol-d6	7.026	99	35436	0.421	ng		0.00
8) Nitrobenzene-d5	9.001	82	37270	0.414	ng		-0.01
11) 2-Methylnaphthalene-d10	12.240	152	92089	0.404	ng		0.00
14) 2,4,6-Tribromophenol	15.970	330	9888	0.436	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	110232	0.401	ng		0.00
27) Fluoranthene-d10	19.258	212	177723	0.404	ng		0.00
31) Terphenyl-d14	19.854	244	116518	0.415	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	5408	0.375	ng		96
3) n-Nitrosodimethylamine	3.707	42	11229	0.378	ng		94
6) bis(2-Chloroethyl)ether	7.284	93	35967	0.419	ng		95
9) Naphthalene	10.700	128	139184	0.401	ng		99
10) Hexachlorobutadiene	11.004	225	28142	0.411	ng	#	99
12) 2-Methylnaphthalene	12.311	142	92086	0.412	ng		98
16) Acenaphthylene	14.194	152	117662	0.399	ng		100
17) Acenaphthene	14.537	154	81069	0.399	ng		99
18) Fluorene	15.526	166	98873	0.403	ng		100
20) 4,6-Dinitro-2-methylph...	15.603	198	1170	0.299	ng		97
21) 4-Bromophenyl-phenylether	16.423	248	30548	0.389	ng	#	68
22) Hexachlorobenzene	16.532	284	33638	0.396	ng		96
23) Atrazine	16.678	200	22339	0.429	ng	#	89
24) Pentachlorophenol	16.873	266	9477	0.449	ng		100
25) Phenanthrene	17.263	178	159809	0.399	ng		100
26) Anthracene	17.360	178	137091	0.401	ng		100
28) Fluoranthene	19.288	202	183093	0.414	ng		99
30) Pyrene	19.645	202	184800	0.427	ng		100
32) Benzo(a)anthracene	21.388	228	167949	0.422	ng		98
33) Chrysene	21.441	228	170557	0.401	ng		98
34) Bis(2-ethylhexyl)phtha...	21.335	149	94168	0.543	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.218	276	107591	0.348	ng	#	93
37) Benzo(b)fluoranthene	23.058	252	157604	0.427	ng		98
38) Benzo(k)fluoranthene	23.103	252	144746	0.404	ng	#	98
39) Benzo(a)pyrene	23.671	252	125042	0.411	ng		99
40) Dibenzo(a,h)anthracene	26.238	278	85675	0.337	ng	#	88
41) Benzo(g,h,i)perylene	26.964	276	91996	0.347	ng		97

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

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