Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
Data File : BN014070.D
Acq On : 24 Mar 2021 13:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 24 14:16:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 11:06:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.692	152	5501	0.40	ng		0.00
7) Naphthalene-d8	10.467	136	20776	0.40	ng		-0.01
13) Acenaphthene-d10	14.321	164	12519	0.40	ng		0.00
19) Phenanthrene-d10	17.055	188	27269	0.40	ng		-0.01
29) Chrysene-d12	21.237	240	26882	0.40	ng		# 0.00
36) Perylene-d12	23.442	264	25976	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	6274	0.50	ng		0.00
5) Phenol-d6	6.863	99	7950	0.49	ng		0.00
8) Nitrobenzene-d5	8.832	82	5724	0.42	ng		-0.01
11) 2-Methylnaphthalene-d10	12.057	152	14661	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.805	330	1729	0.42	ng		-0.01
15) 2-Fluorobiphenyl	12.938	172	19389	0.41	ng		-0.01
27) Fluoranthene-d10	19.091	212	34045	0.45	ng		0.00
31) Terphenyl-d14	19.687	244	27206	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	3377	0.47	ng		94
3) n-Nitrosodimethylamine	3.569	42	2153	0.44	ng	#	96
6) bis(2-Chloroethyl)ether	7.120	93	6804	0.48	ng		97
9) Naphthalene	10.518	128	22993	0.45	ng		100
10) Hexachlorobutadiene	10.809	225	4197	0.43	ng	#	99
12) 2-Methylnaphthalene	12.133	142	15707	0.45	ng		99
16) Acenaphthylene	14.042	152	19378	0.40	ng		100
17) Acenaphthene	14.384	154	14854	0.42	ng		100
18) Fluorene	15.374	166	19060	0.43	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	1266	0.41	ng		91
21) 4-Bromophenyl-phenylether	16.264	248	6022	0.43	ng	#	76
22) Hexachlorobenzene	16.373	284	6857	0.42	ng		100
23) Atrazine	16.532	200	3832	0.40	ng	#	93
24) Pentachlorophenol	16.714	266	1712	0.45	ng		94
25) Phenanthrene	17.104	178	32575	0.44	ng		100
26) Anthracene	17.189	178	26277	0.43	ng		100
28) Fluoranthene	19.121	202	37062	0.45	ng		99
30) Pyrene	19.478	202	37320	0.45	ng		100
32) Benzo(a)anthracene	21.215	228	33615	0.44	ng		97
33) Chrysene	21.268	228	38077	0.46	ng		99
34) Bis(2-ethylhexyl)phtha...	21.152	149	9869	0.35	ng		98
35) Indeno(1,2,3-cd)pyrene	25.653	276	42898	0.48	ng		99
37) Benzo(b)fluoranthene	22.781	252	40635	0.43	ng		97
38) Benzo(k)fluoranthene	22.826	252	38385	0.41	ng	#	95
39) Benzo(a)pyrene	23.346	252	34699	0.43	ng		96
40) Dibenzo(a,h)anthracene	25.663	278	36250	0.42	ng		98
41) Benzo(g,h,i)perylene	26.327	276	38400	0.43	ng		98

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

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